A decorative border composed of repeating ornamental motifs, including stylized floral and scrollwork designs, arranged in a rectangular frame around the central text.

ORNAMENTATION
INVARIABLY ADDS LIFE TO THE
PRINTED PAGE

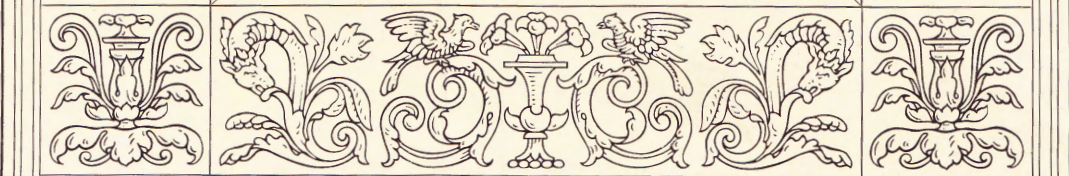
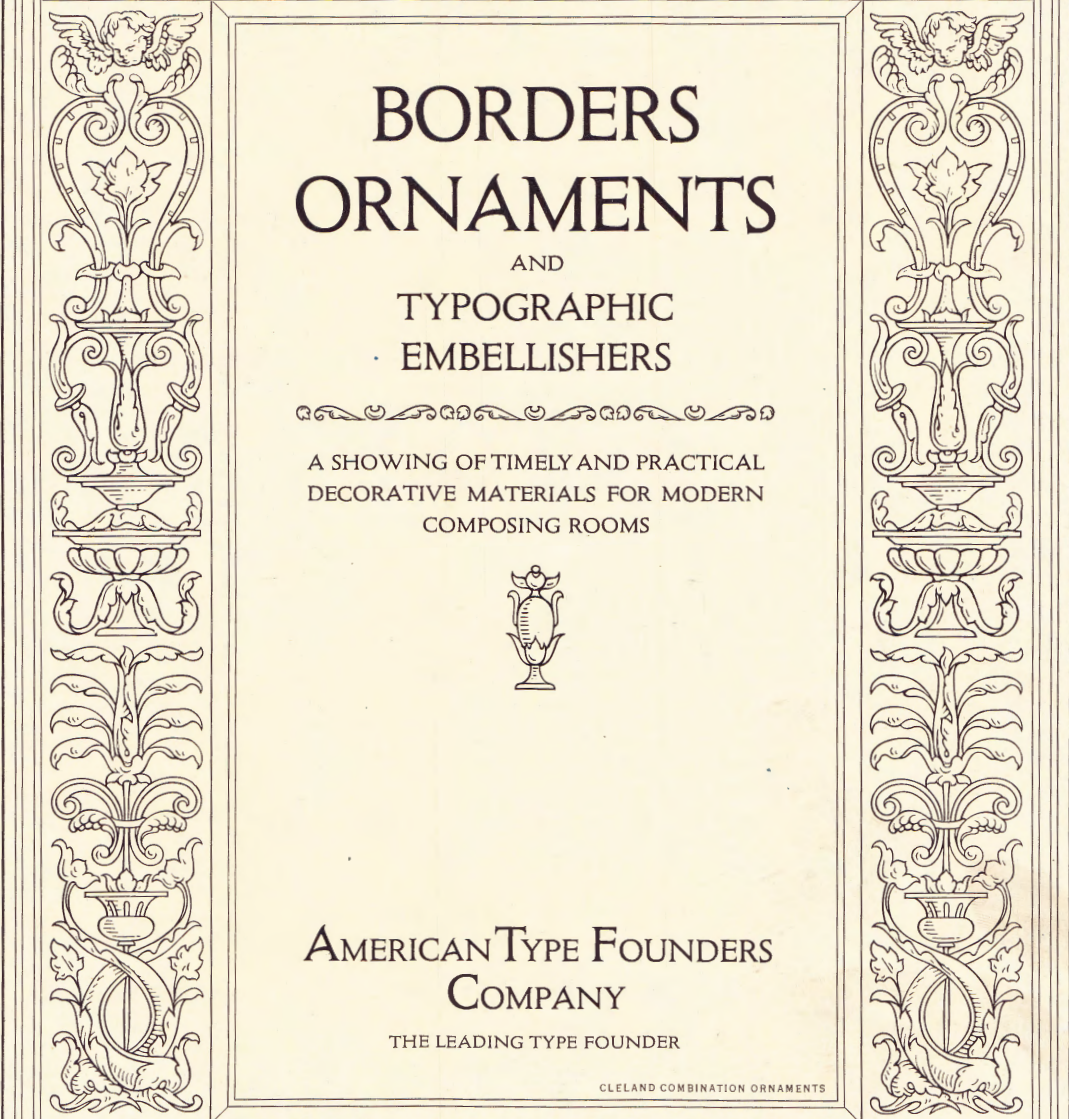

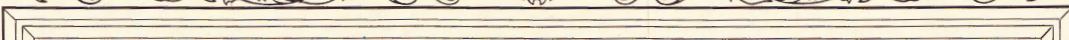

Decorative MATERIAL



*A wealth of beautiful
Borders, Ornaments and Initials
which will suggest new ideas
to the lovers of good
typography*

AMERICAN TYPE FOUNDERS
COMPANY

This insert is printed on BLUE BISCAI WEDDING, plate finish
Basis $21\frac{1}{2} \times 33$ —76 lbs.
Made by the AMERICAN WRITING PAPER CO.
Holyoke, Mass.



BORDERS ORNAMENTS

AND
TYPOGRAPHIC
EMBELLISHERS



A SHOWING OF TIMELY AND PRACTICAL
DECORATIVE MATERIALS FOR MODERN
COMPOSING ROOMS



AMERICAN TYPE FOUNDERS
COMPANY

THE LEADING TYPE FOUNDER

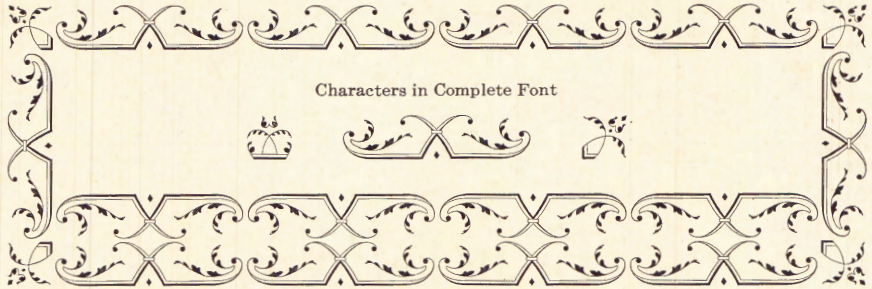
CLELAND COMBINATION ORNAMENTS

DECORATIVE MATERIAL

ROSA BORDERS

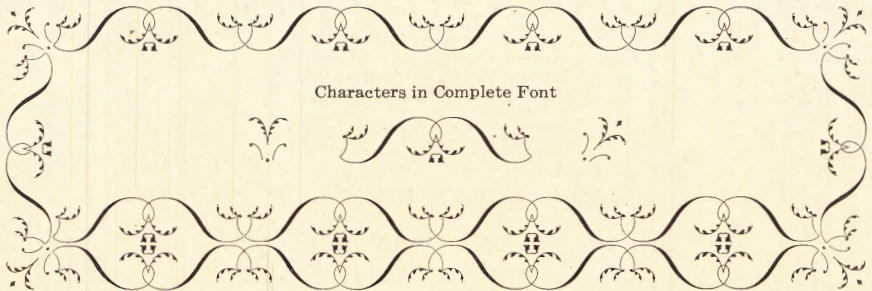
18 Point No. 3

48 inches \$3.00



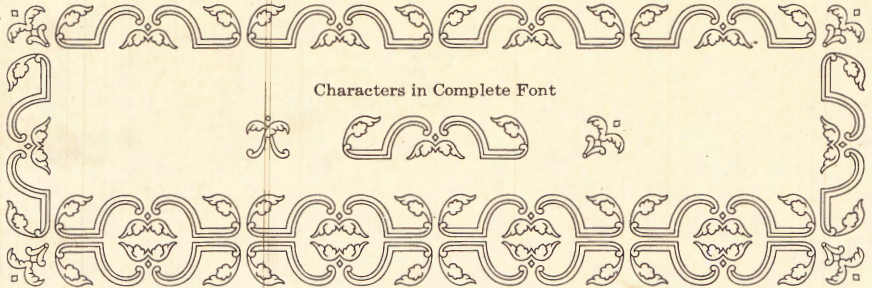
18 Point No. 5

48 inches \$3.00



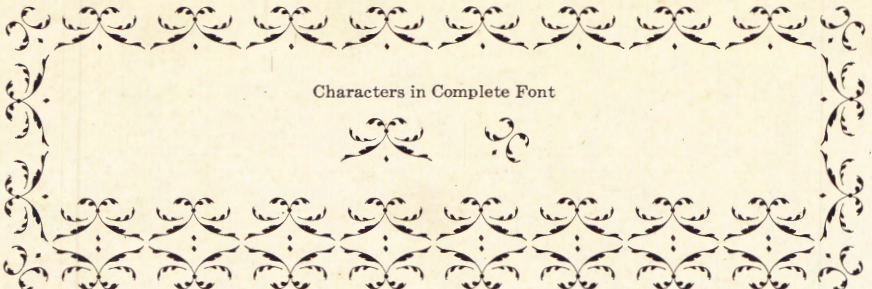
18 Point No. 8

48 inches \$3.00



18 Point No. 7

48 inches \$3.00

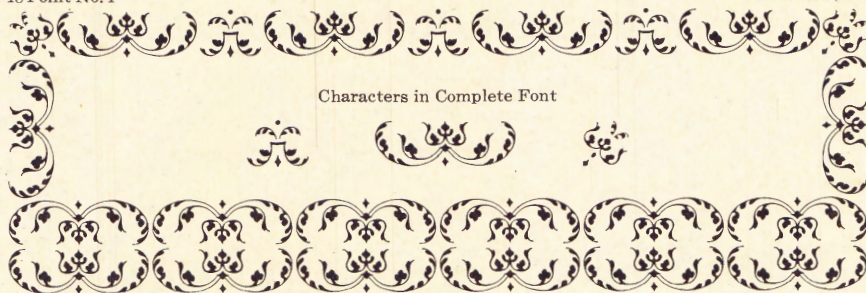


DECORATIVE MATERIAL

ROSA BORDERS

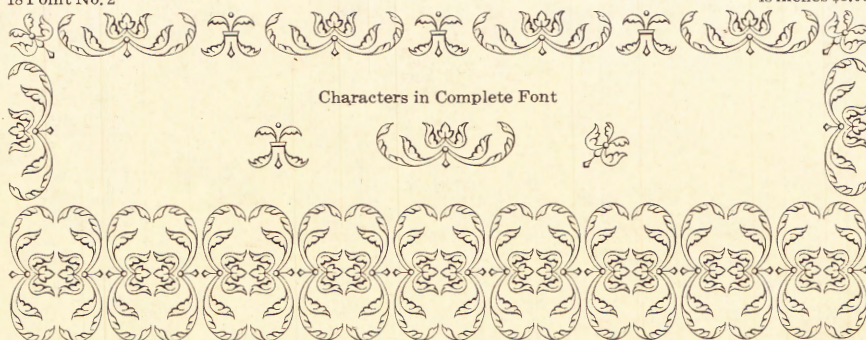
18 Point No. 1

48 inches \$3.00



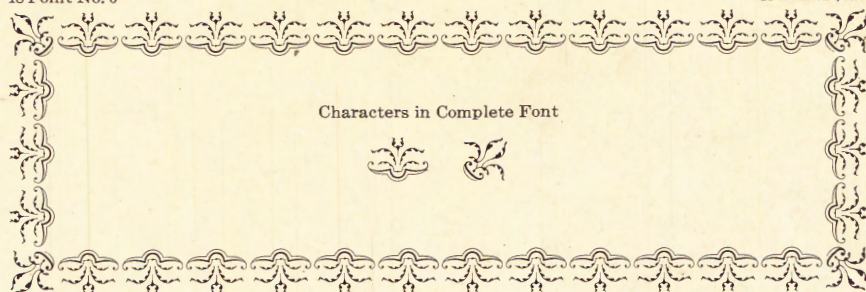
18 Point No. 2

48 inches \$3.00



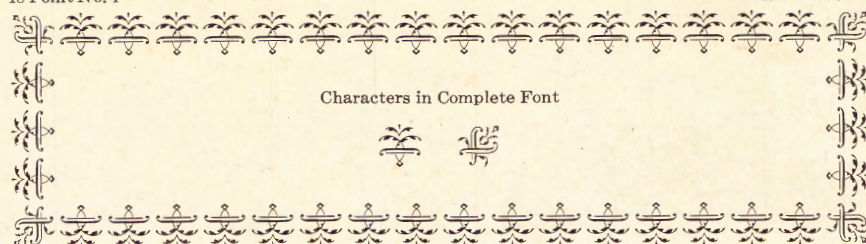
18 Point No. 6

48 inches \$3.00



18 Point No. 4

48 inches \$3.00



DECORATIVE MATERIAL

ROSA BORDERS

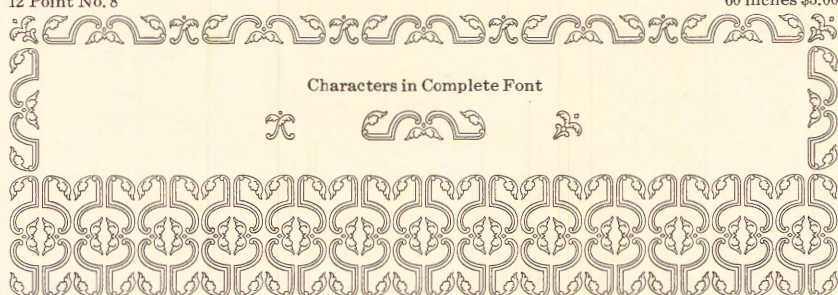
12 Point No. 1

60 inches \$3.00



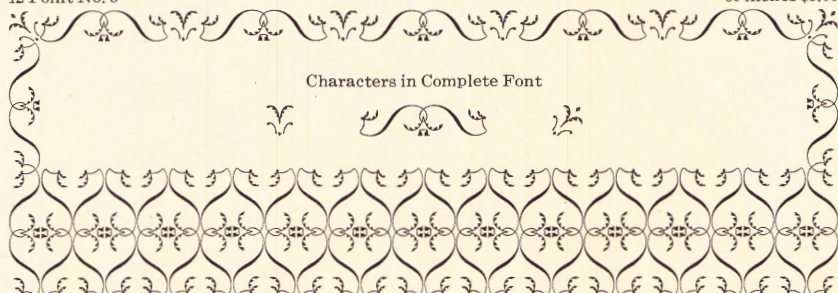
12 Point No. 8

60 inches \$3.00



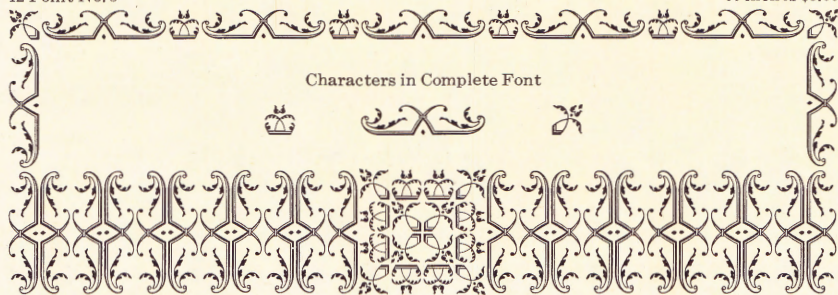
12 Point No. 5

60 inches \$3.00



12 Point No. 3

60 inches \$3.00

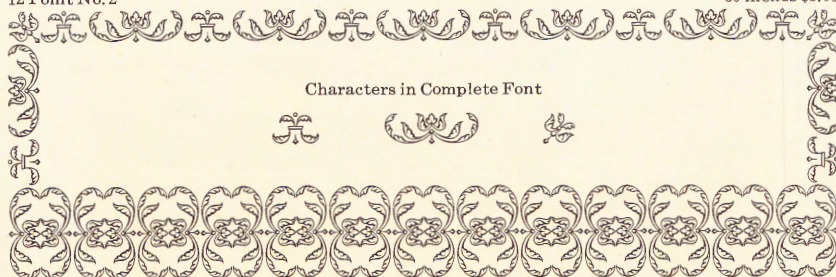


DECORATIVE MATERIAL

ROSA BORDERS

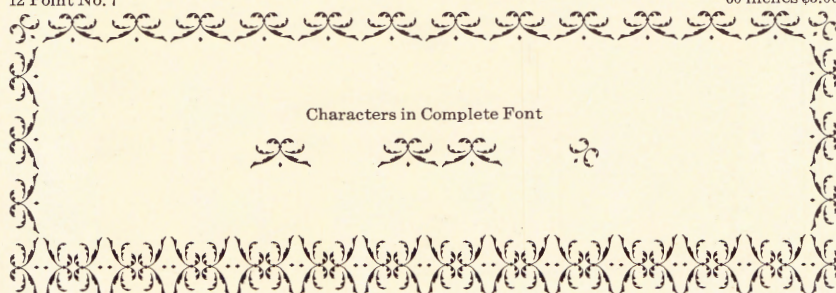
12 Point No. 2

60 inches \$3.00



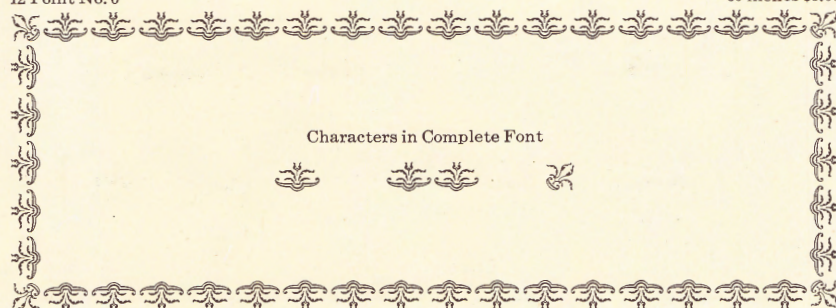
12 Point No. 7

60 inches \$3.00



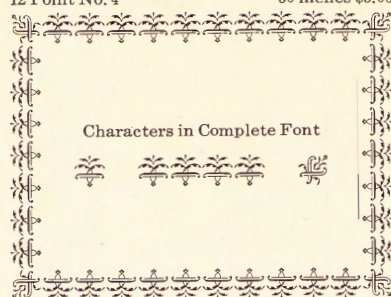
12 Point No. 6

60 inches \$3.00



12 Point No. 4

60 inches \$3.00



6 Point No. 5

60 inches \$2.50



DECORATIVE MATERIAL

ROSA BORDERS

24 Point No. 10

42 inches \$3.50



18 Point No. 10

48 inches \$3.00



12 Point No. 10

60 inches \$3.00



Characters in Complete Font

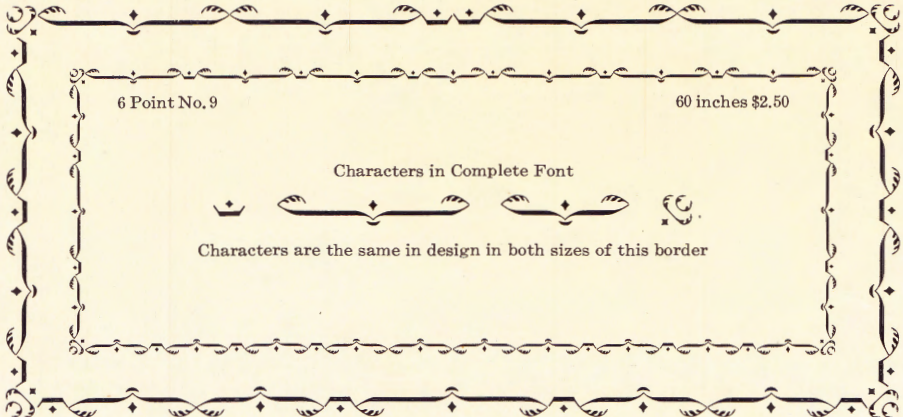


Characters are the same in design in
all sizes of this border

AMERICAN
TYPE FOUNDERS
COMPANY

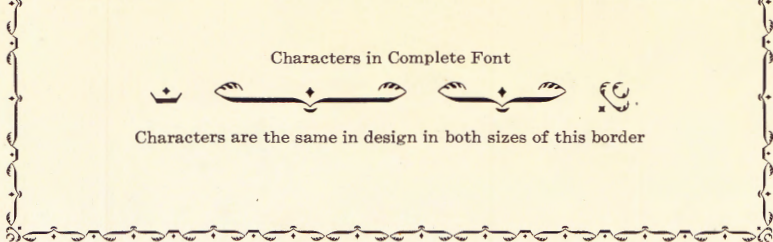
12 Point No. 9

60 inches \$3.00



6 Point No. 9

60 inches \$2.50



Characters in Complete Font



Characters are the same in design in both sizes of this border

DECORATIVE MATERIAL

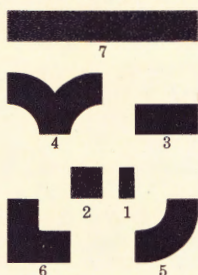
NEWSPAPER BORDERS

Characters in Complete Fonts

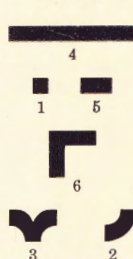
3-on-6 Point
No. 48
60 inches \$2.25



12 Point No. 231
54 inches \$2.25



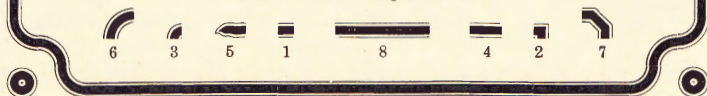
6 Point No. 254
60 inches \$2.25



12 Point No. 1 54 inches \$2.25

TRIPLE LINE BORDERS

Characters in Complete Font

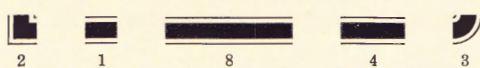


6 Point No. 3 60 inches \$2.25

12 Point No. 2 54 inches \$2.25

TRIPLE LINE BORDERS

Characters in Complete Font



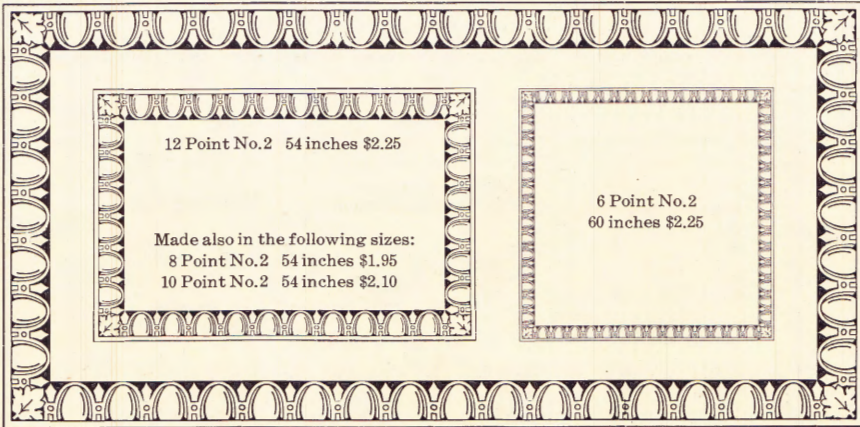
6 Point No. 4 60 inches \$2.25

DECORATIVE MATERIAL

OVOLO BORDERS

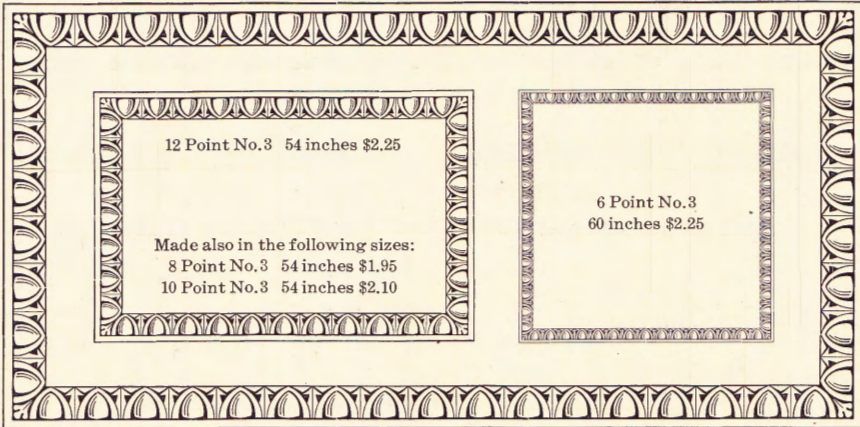
18 Point No.2

36 inches \$1.85



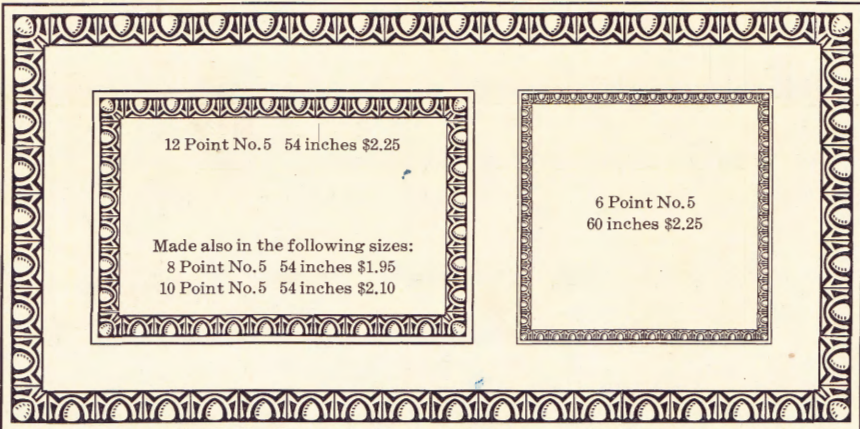
18 Point No.3

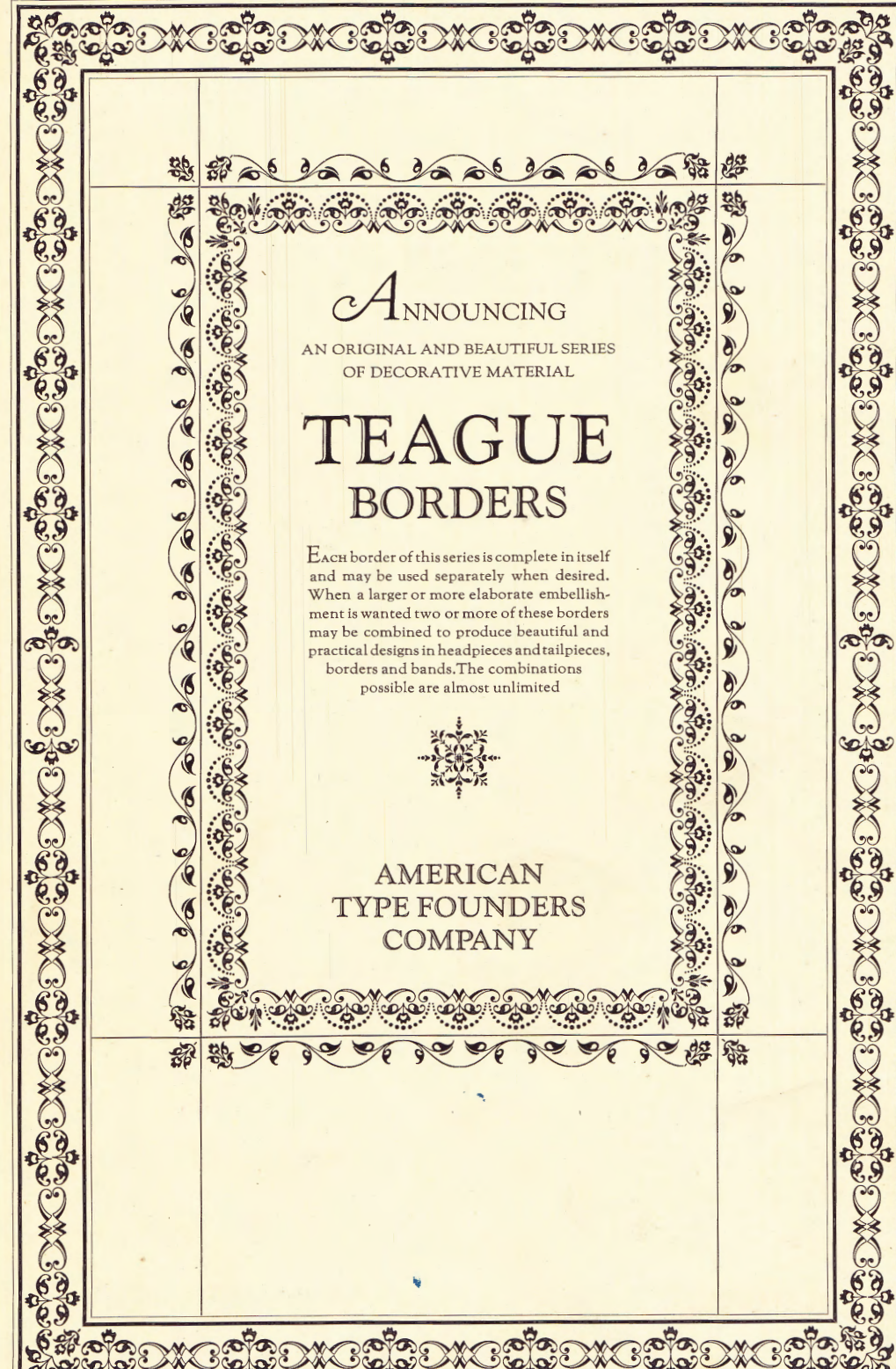
36 inches \$1.85



18 Point No.5

36 inches \$1.85





ANNOUNCING
AN ORIGINAL AND BEAUTIFUL SERIES
OF DECORATIVE MATERIAL

TEAGUE BORDERS

Each border of this series is complete in itself and may be used separately when desired. When a larger or more elaborate embellishment is wanted two or more of these borders may be combined to produce beautiful and practical designs in headpieces and tailpieces, borders and bands. The combinations possible are almost unlimited

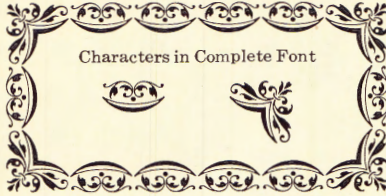


AMERICAN
TYPE FOUNDERS
COMPANY

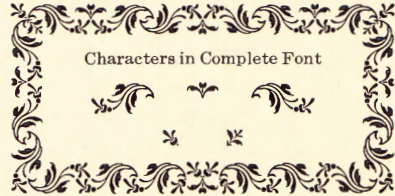
DECORATIVE MATERIAL

TEAGUE BORDERS

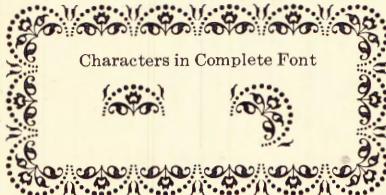
12 Point No. 1201 60 inches \$3.00



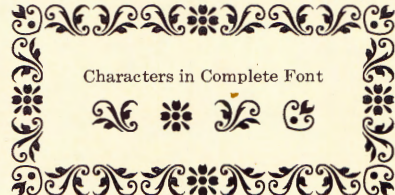
12 Point No. 1206 (interlocking) 60 inches \$3.50



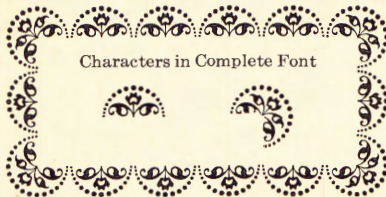
12 Point No. 1202 60 inches \$3.00



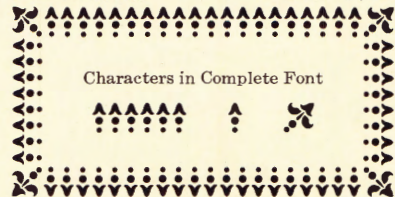
12 Point No. 1207 60 inches \$3.00



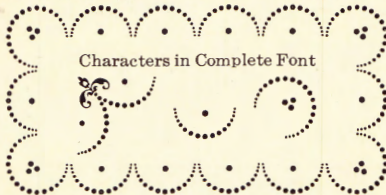
12 Point No. 1203 60 inches \$3.00



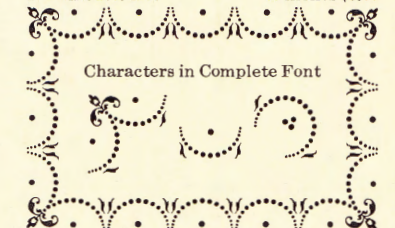
12 Point No. 1208 60 inches \$3.00



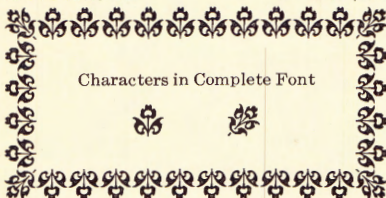
12 Point No. 1210 60 inches \$3.00



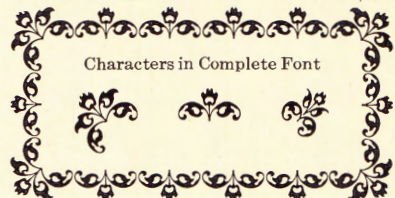
12 Point No. 1209 60 inches \$3.00



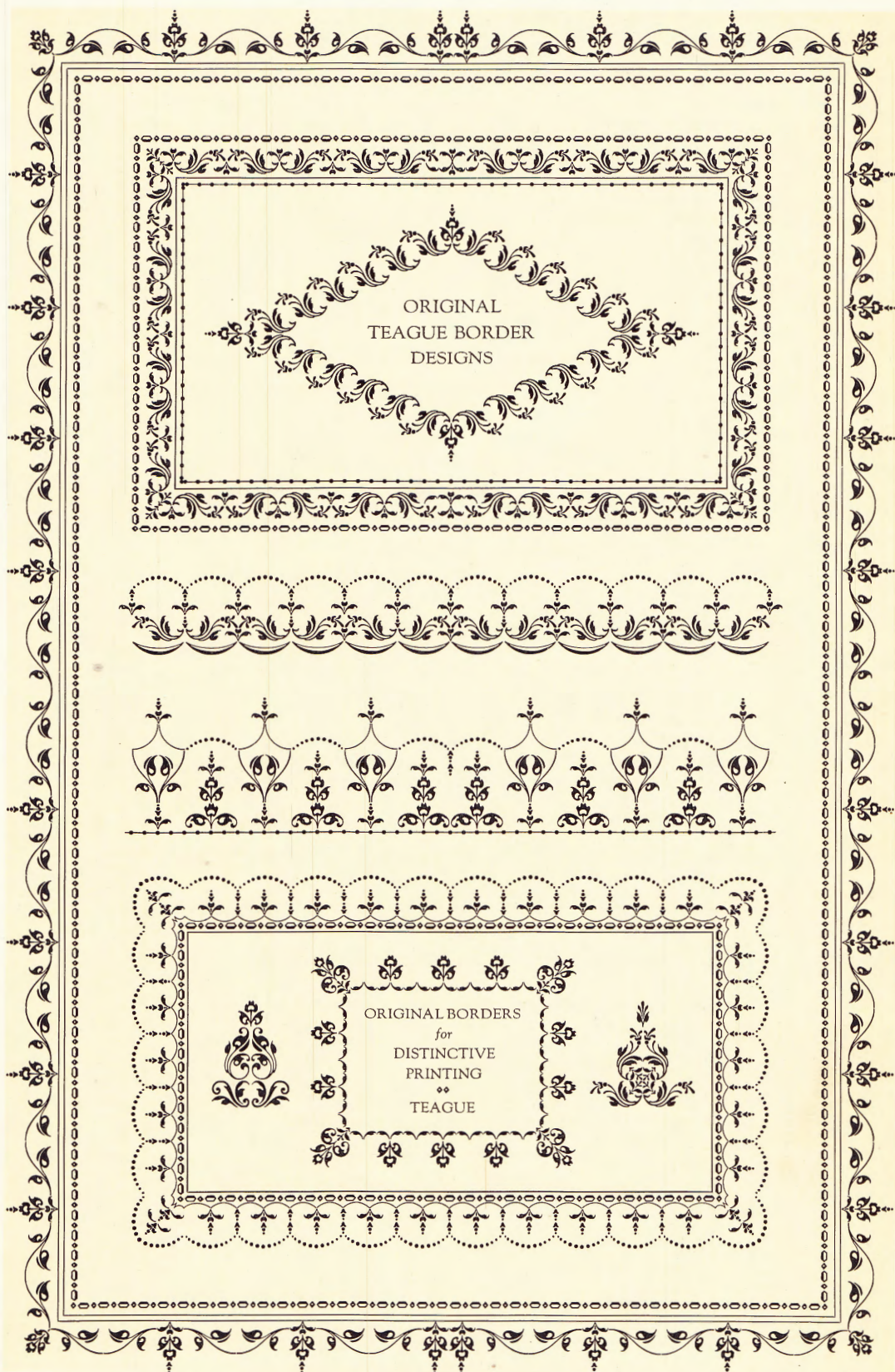
12 Point No. 1205 60 inches \$3.00



12 Point No. 1204 60 inches \$3.00



DECORATIVE MATERIAL

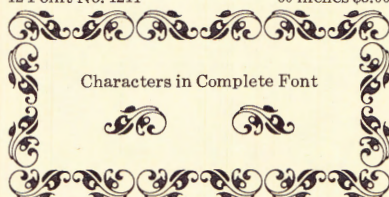


DECORATIVE MATERIAL

TEAGUE BORDERS

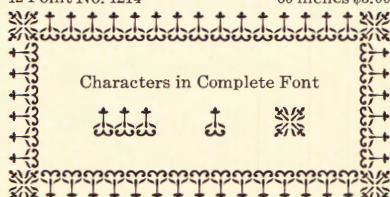
12 Point No. 1211

60 inches \$3.00



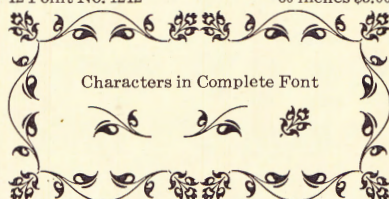
12 Point No. 1214

60 inches \$3.00



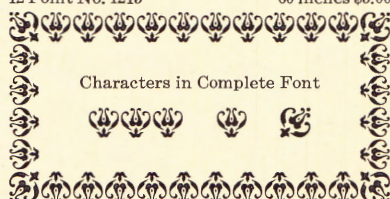
12 Point No. 1212

60 inches \$3.00



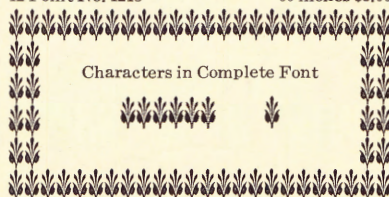
12 Point No. 1215

60 inches \$3.00



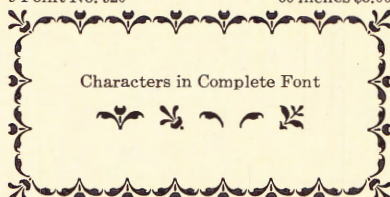
12 Point No. 1213

60 inches \$3.00



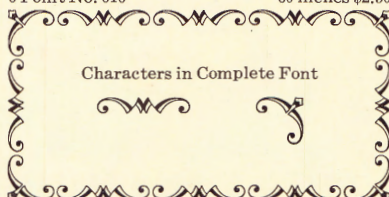
9 Point No. 920

60 inches \$3.00



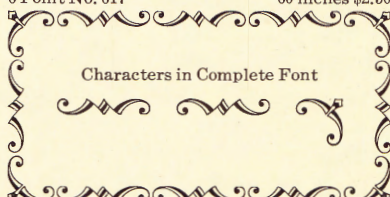
6 Point No. 616

60 inches \$2.50



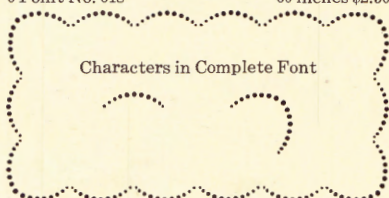
6 Point No. 617

60 inches \$2.50



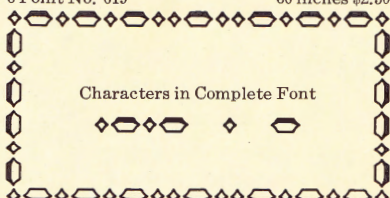
6 Point No. 618

60 inches \$2.50

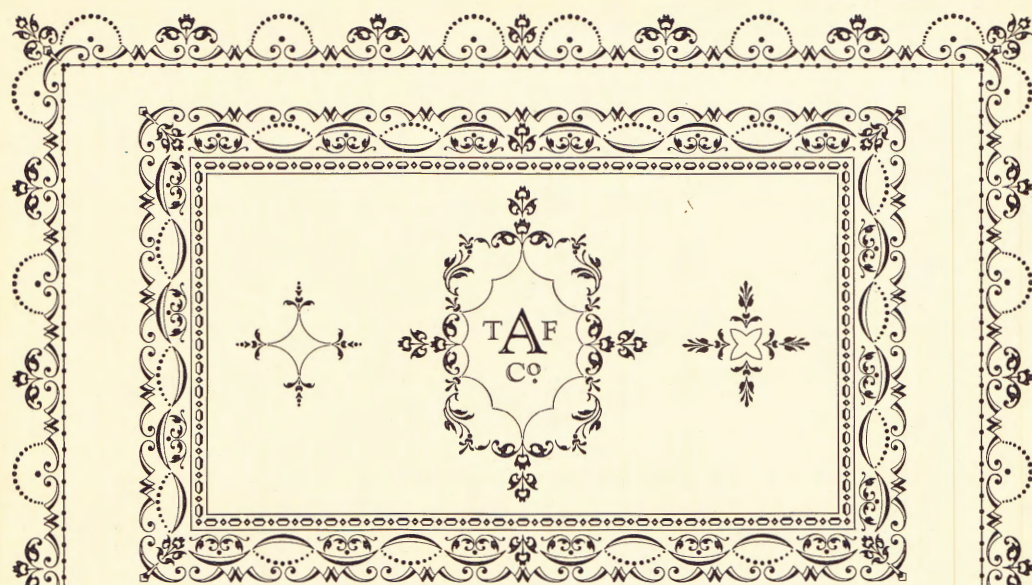


6 Point No. 619

60 inches \$2.50



DECORATIVE MATERIAL



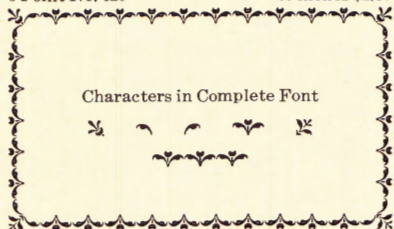
TEAGUE BORDERS
WILL COMBINE IN AN ALMOST UNLIMITED
NUMBER OF WAYS, YET EACH BORDER
IS COMPLETE IN ITSELF



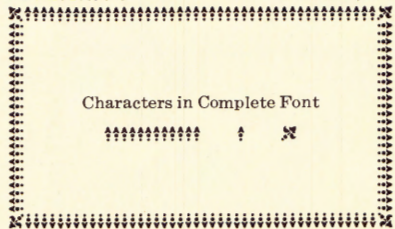
DECORATIVE MATERIAL

TEAGUE BORDERS

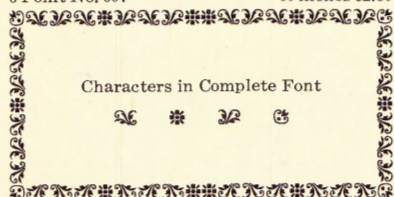
6 Point No. 620 60 inches \$2.50



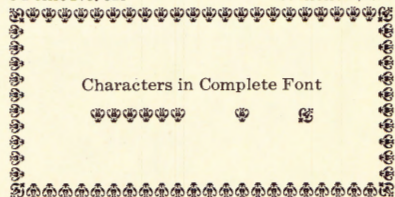
6 Point No. 608 60 inches \$2.50



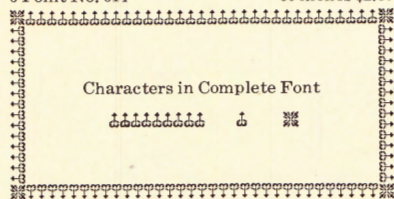
6 Point No. 607 60 inches \$2.50



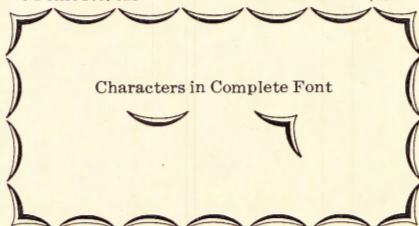
6 Point No. 615 60 inches \$2.50



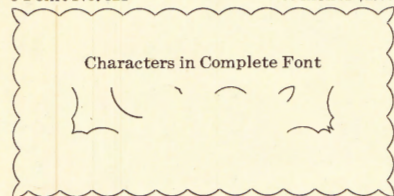
6 Point No. 614 60 inches \$2.50



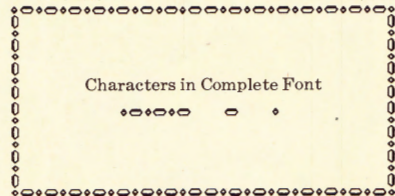
6 Point No. 623 60 inches \$2.50



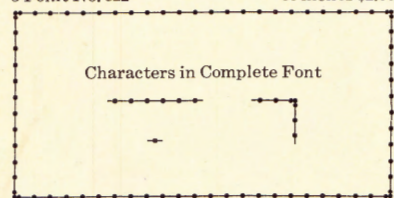
3 Point No. 321 66 inches \$2.50



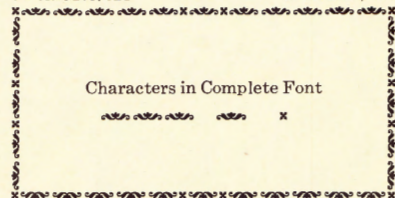
3 Point No. 319 66 inches \$2.50



3 Point No. 322 66 inches \$2.50



3 Point No. 324 66 inches \$2.50

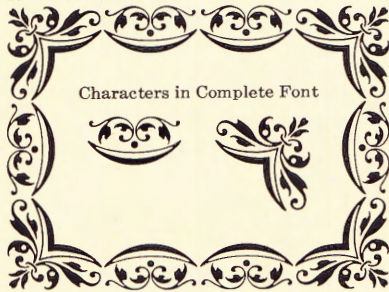


DECORATIVE MATERIAL

TEAGUE BORDERS

18 Point No. 1801

48 inches \$3.00



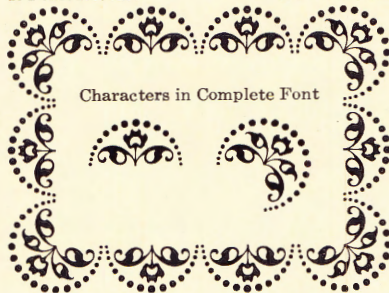
18 Point No. 1802

48 inches \$3.00



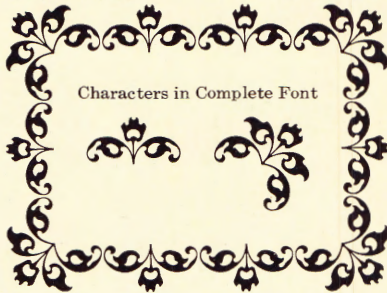
18 Point No. 1803

48 inches \$3.00



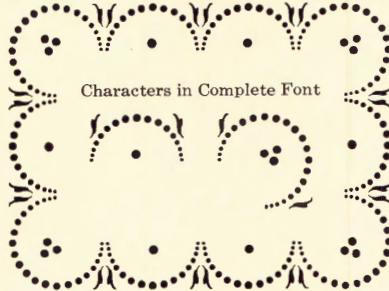
18 Point No. 1804

48 inches \$3.00



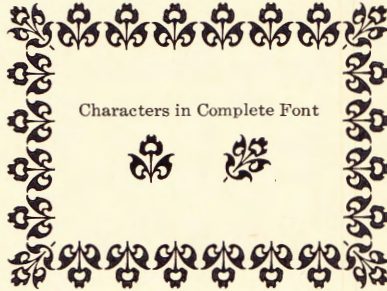
18 Point No. 1809

48 inches \$3.00



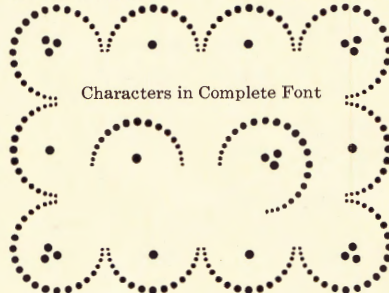
18 Point No. 1805

48 inches \$3.00

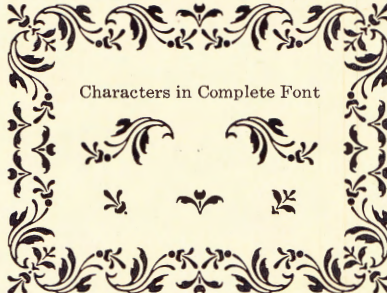


18 Point No. 1810

48 inches \$3.00



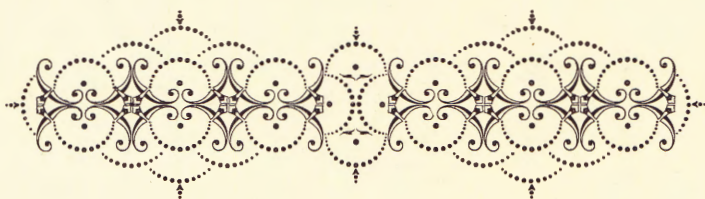
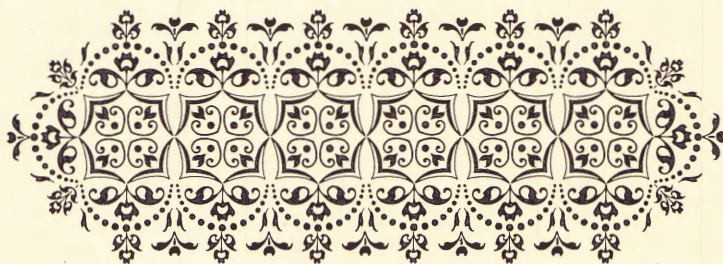
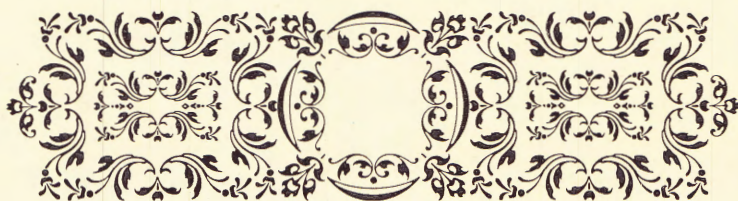
18 Point No. 1806 (interlocking) 48 inches \$3.50



DECORATIVE MATERIAL

TEAGUE BORDERS

COMBINATION HEADPIECES, BANDS, ETC.

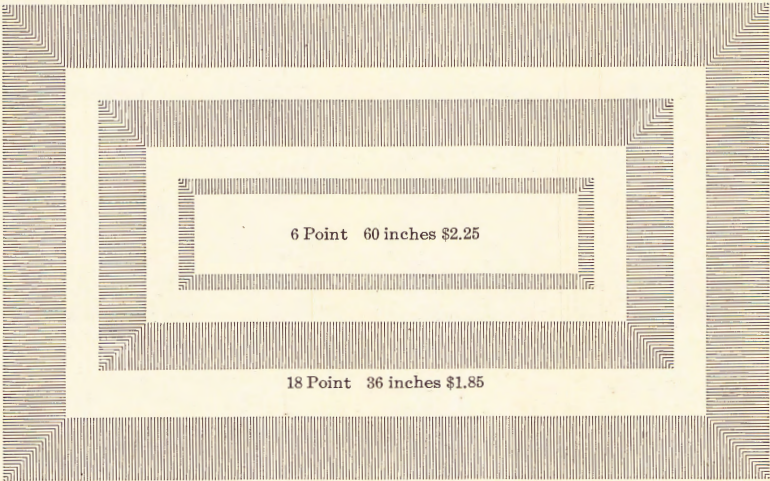


DECORATIVE MATERIAL



LINEAR BORDER No. 2

48 Point 24 inches \$2.90



6 Point 60 inches \$2.25

18 Point 36 inches \$1.85

24 Point 36 inches \$2.40

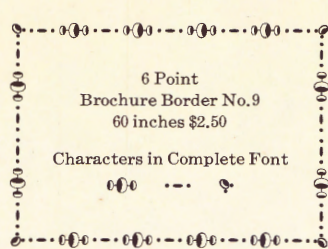
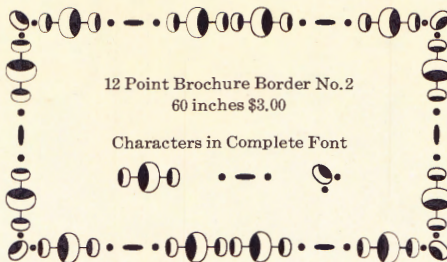
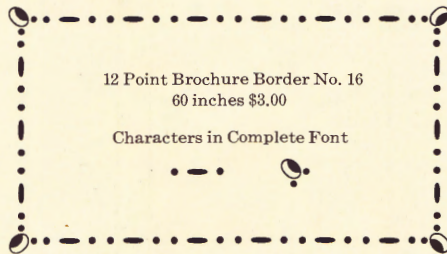
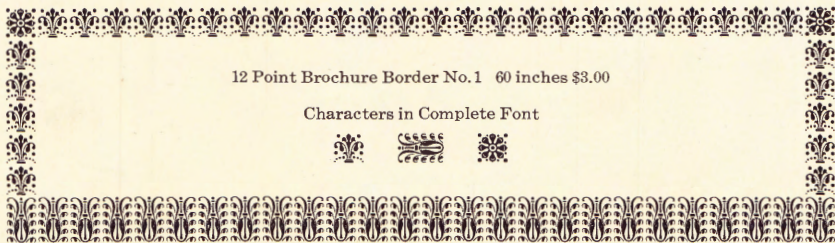
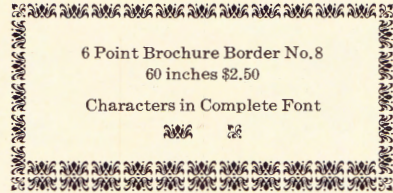
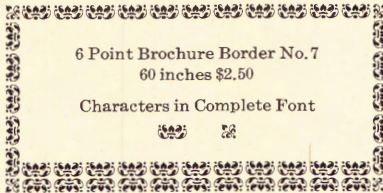
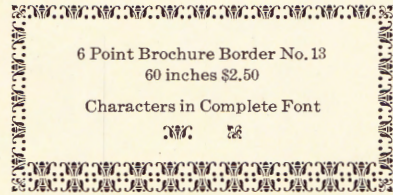
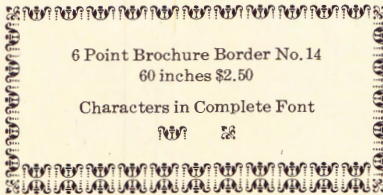


12 Point 54 inches \$2.25

36 Point 24 inches \$2.40

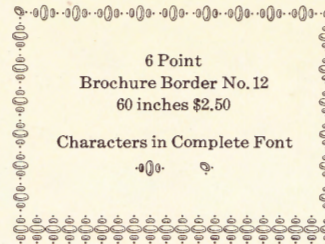
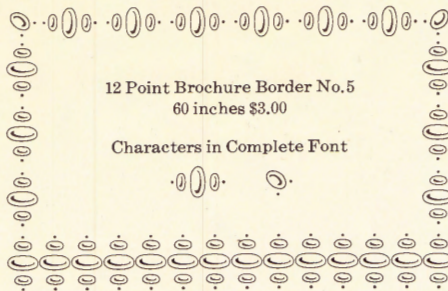
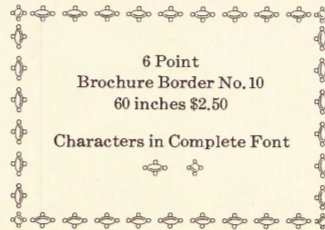
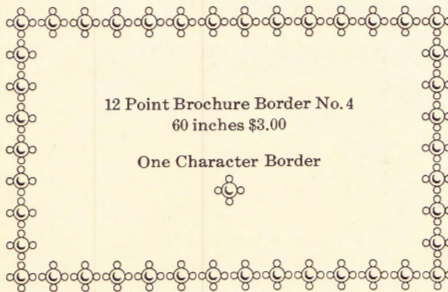
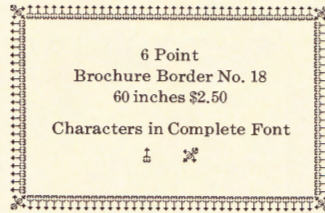
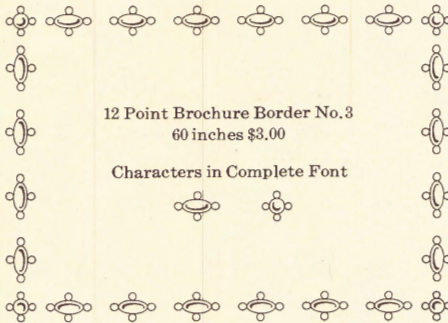
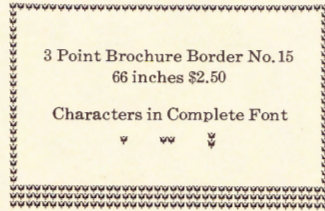
DECORATIVE MATERIAL

BROCHURE BORDERS



DECORATIVE MATERIAL

BROCHURE BORDERS

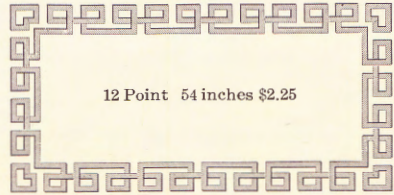


DECORATIVE MATERIAL

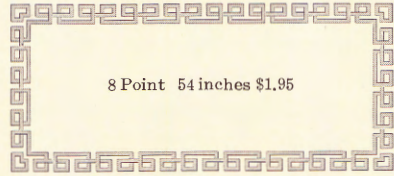
GRECIAN SHADED BORDERS



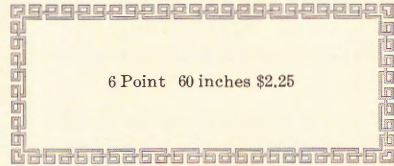
24 Point 36 inches \$2.40



12 Point 54 inches \$2.25



8 Point 54 inches \$1.95



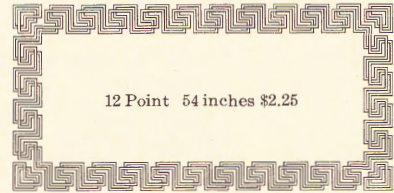
6 Point 60 inches \$2.25

Made also in 10 Point 54 inches \$2.10

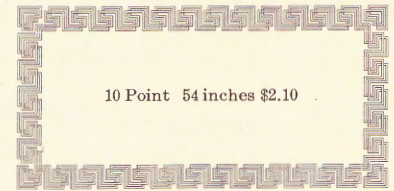
GRECIAN OUTLINE BORDERS



24 Point 36 inches \$2.40



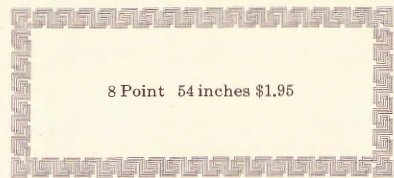
12 Point 54 inches \$2.25



10 Point 54 inches \$2.10



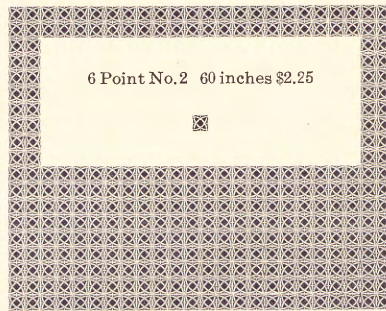
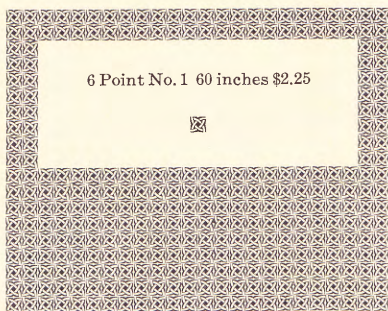
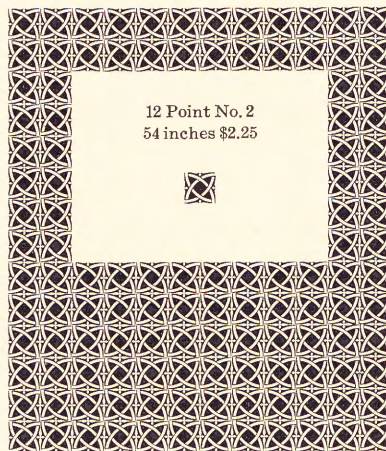
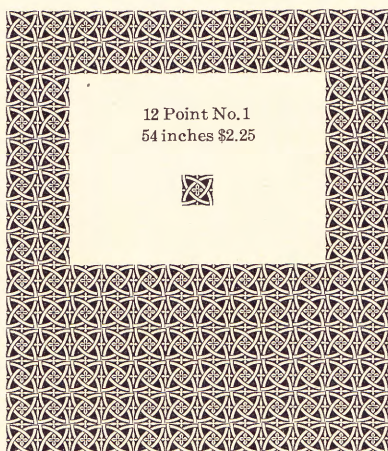
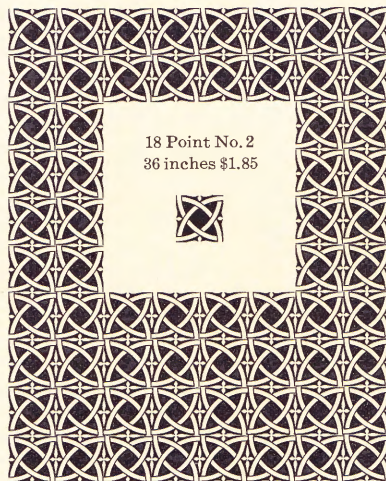
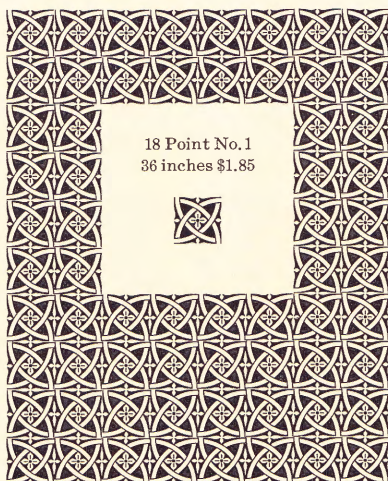
18 Point 36 inches \$1.85



8 Point 54 inches \$1.95

DECORATIVE MATERIAL

CELTIC BORDERS



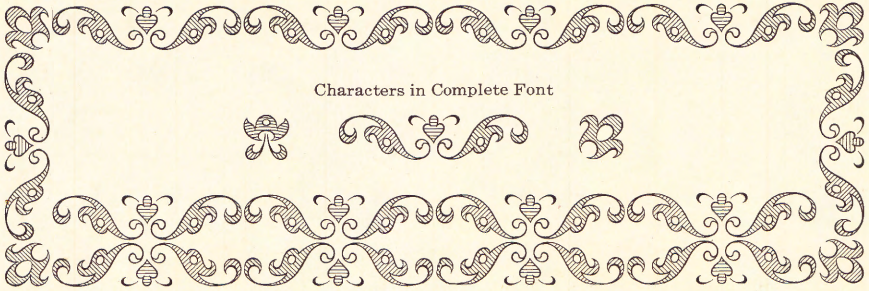
THESE SINGLE CHARACTER BORDERS MAKE GOOD TINTS AND BACKGROUNDS

DECORATIVE MATERIAL

CLELAND BORDERS

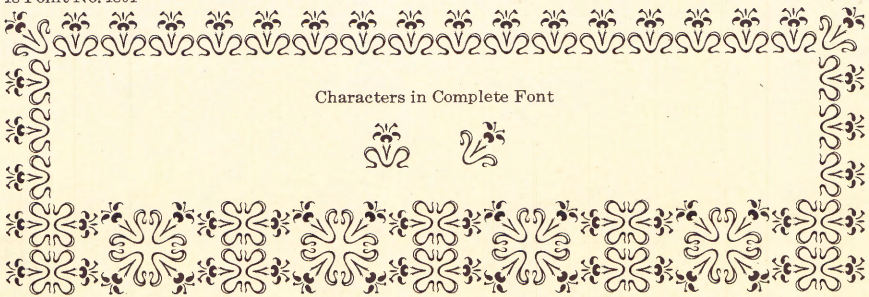
18 Point No. 1802

48 inches \$3.00



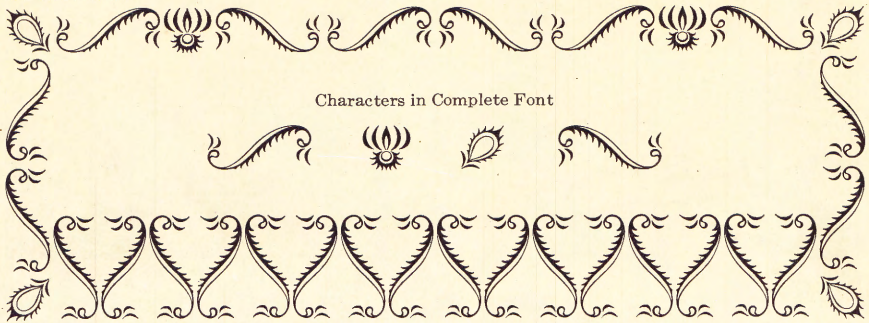
18 Point No. 1801

48 inches \$3.00



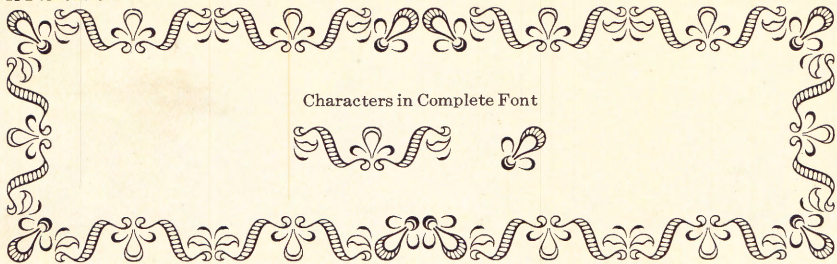
18 Point No. 1809

48 inches \$3.00



18 Point No. 1803

48 inches \$3.00

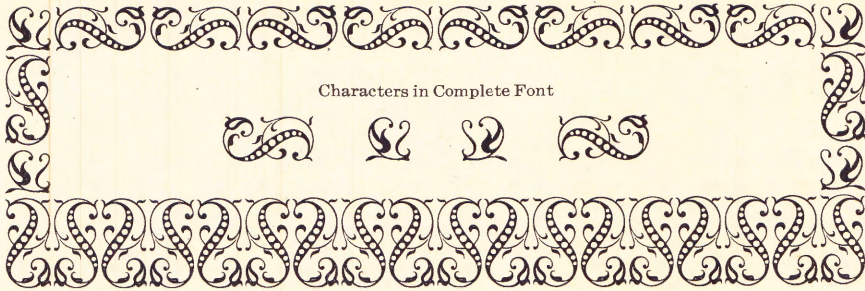


DECORATIVE MATERIAL

CLELAND BORDERS

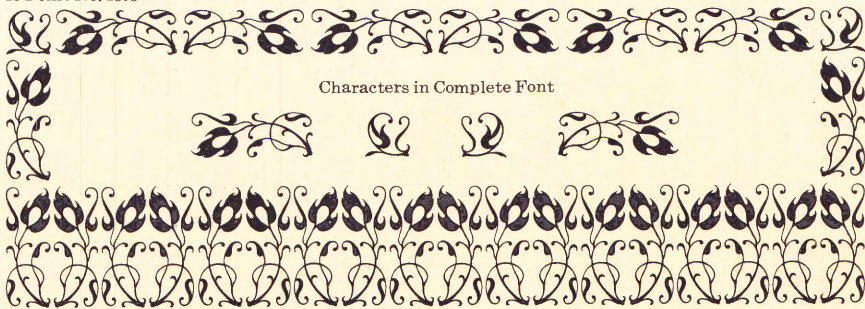
18 Point No. 1807

48 inches \$3.00



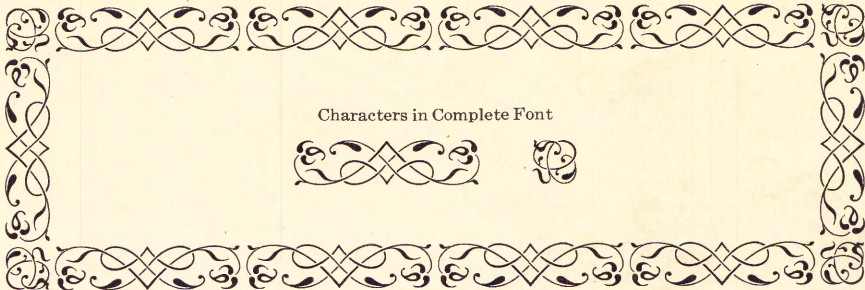
18 Point No. 1808

48 inches \$3.00



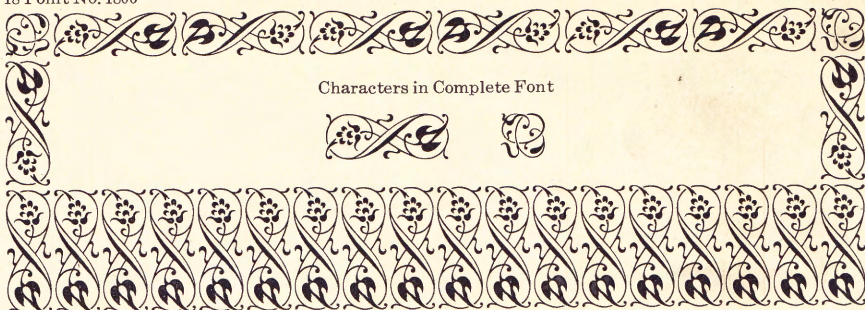
18 Point No. 1805

48 inches \$3.00



18 Point No. 1806

48 inches \$3.00

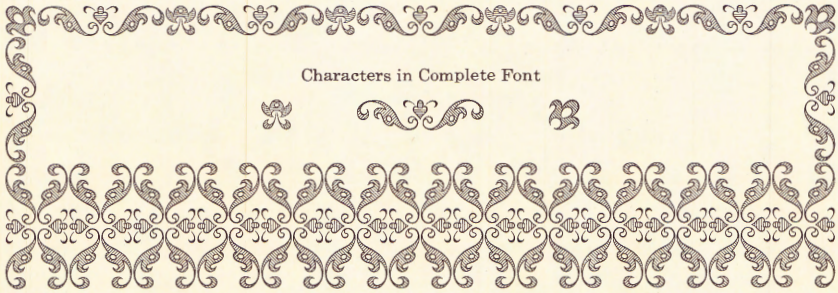


DECORATIVE MATERIAL

CLELAND BORDERS

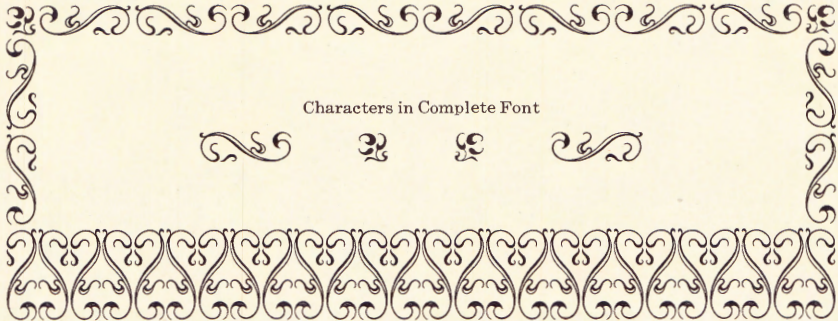
12 Point No. 1211

60 inches \$3.00



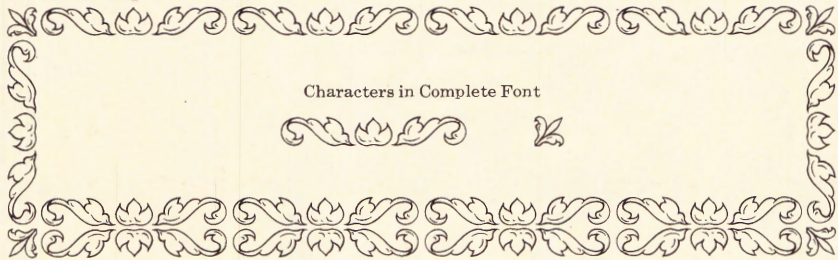
12 Point No. 1214

60 inches \$3.00



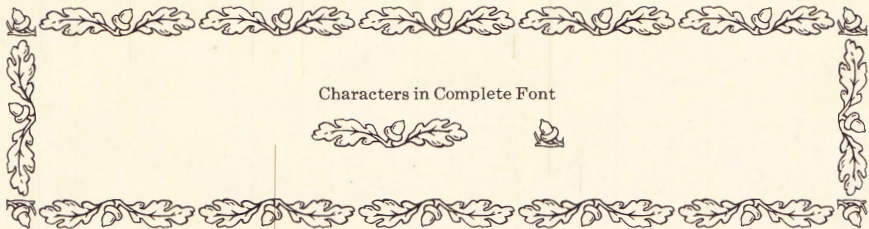
12 Point No. 1216

60 inches \$3.00



12 Point No. 1219

60 inches \$3.00

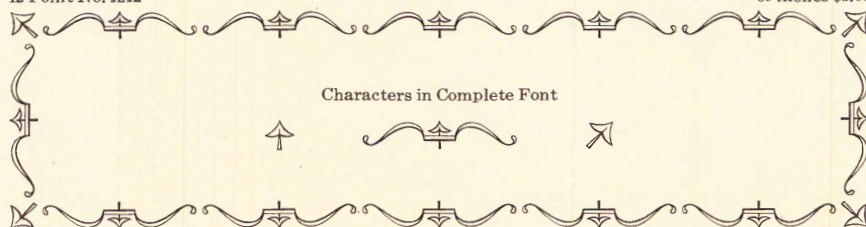


DECORATIVE MATERIAL

CLELAND BORDERS

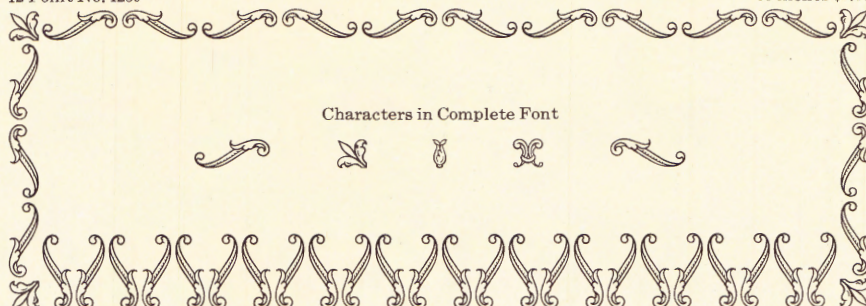
12 Point No. 1212

60 inches \$3.00



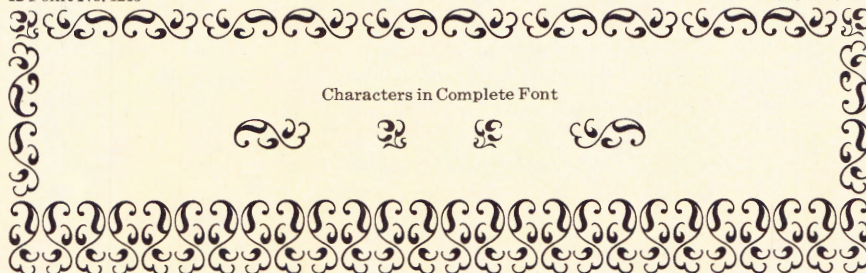
12 Point No. 1239

60 inches \$3.00



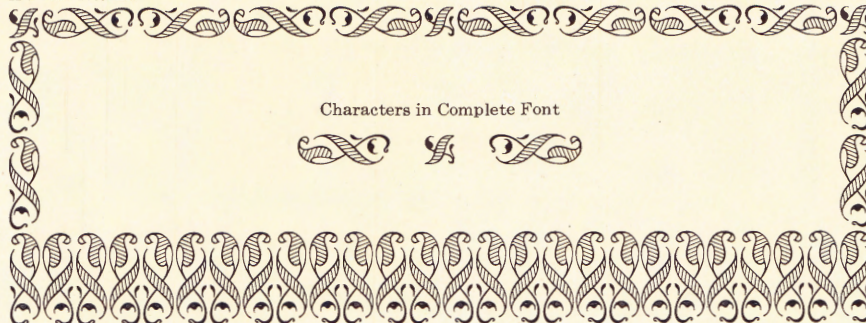
12 Point No. 1215

60 inches \$3.00



12 Point No. 1221

60 inches \$3.00

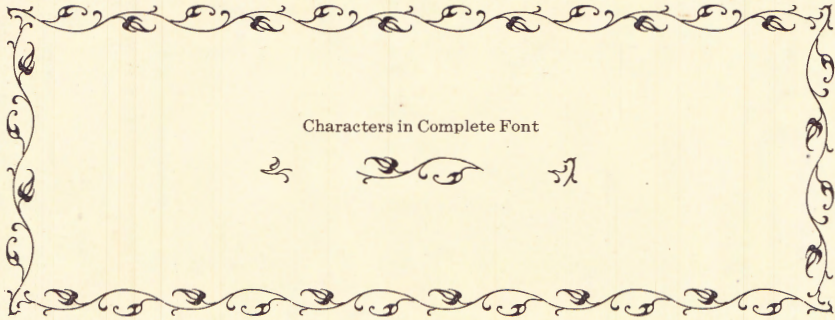


DECORATIVE MATERIAL

CLELAND BORDERS

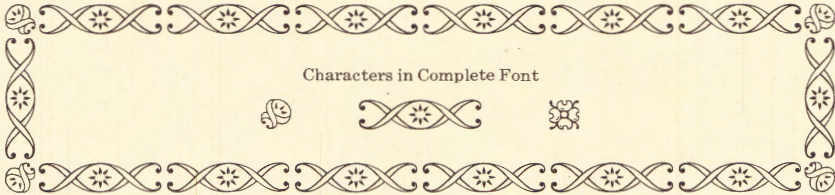
12 Point No. 1210

60 inches \$3.00



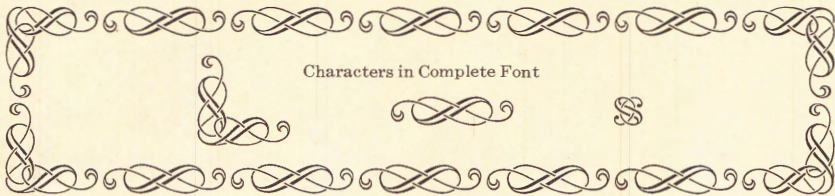
12 Point No. 1220

60 inches \$3.00



12 Point No. 1213

60 inches \$3.00



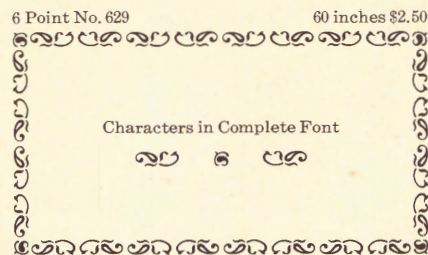
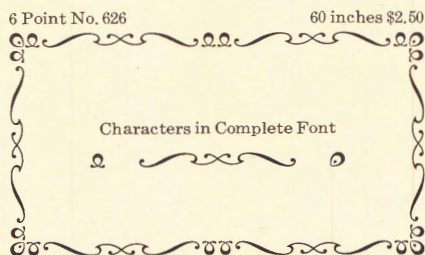
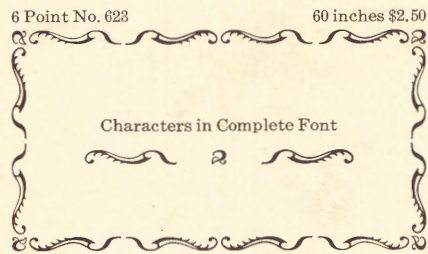
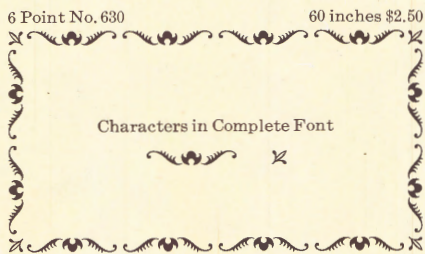
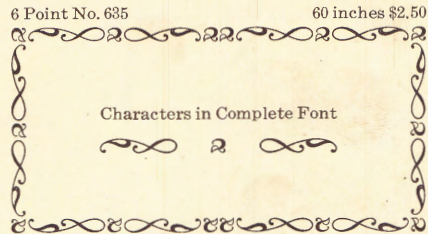
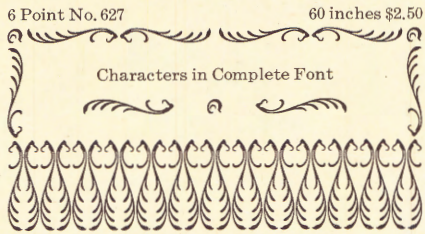
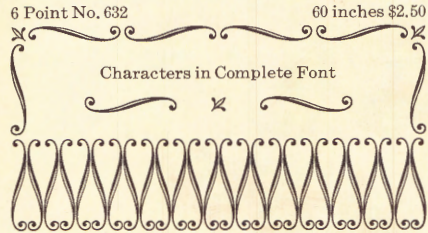
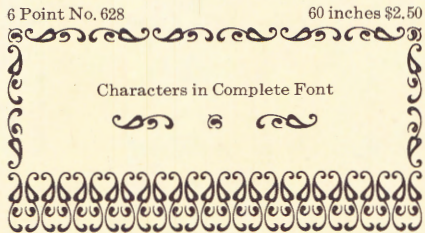
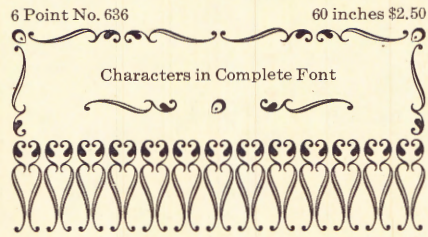
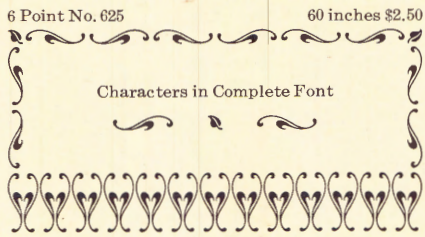
18 Point No. 1804

48 inches \$3.00



DECORATIVE MATERIAL

CLELAND BORDERS

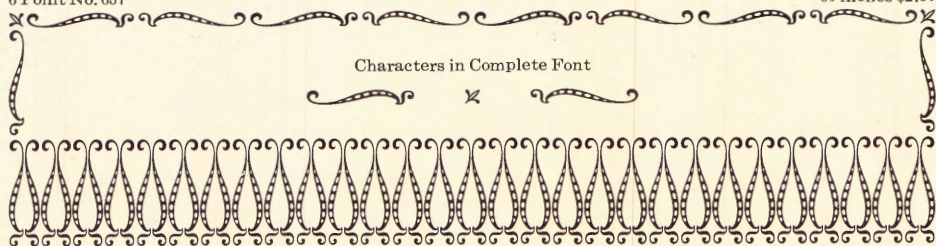


DECORATIVE MATERIAL

CLELAND BORDERS

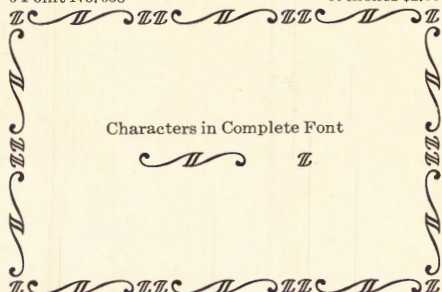
6 Point No. 637

60 inches \$2.50



6 Point No. 638

60 inches \$2.50



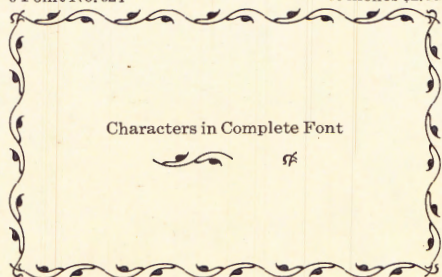
6 Point No. 617

60 inches \$2.50



6 Point No. 624

60 inches \$2.50



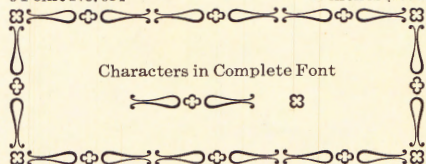
6 Point No. 633

60 inches \$2.50



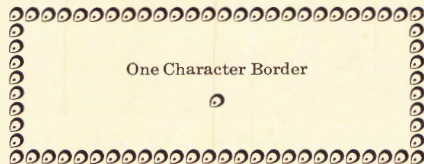
6 Point No. 634

60 inches \$2.50



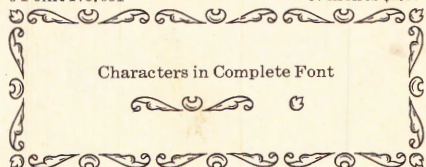
6 Point No. 618

60 inches \$2.50



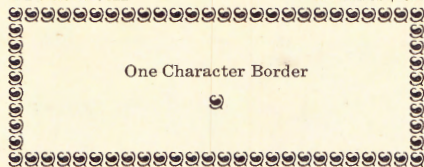
6 Point No. 631

60 inches \$2.50



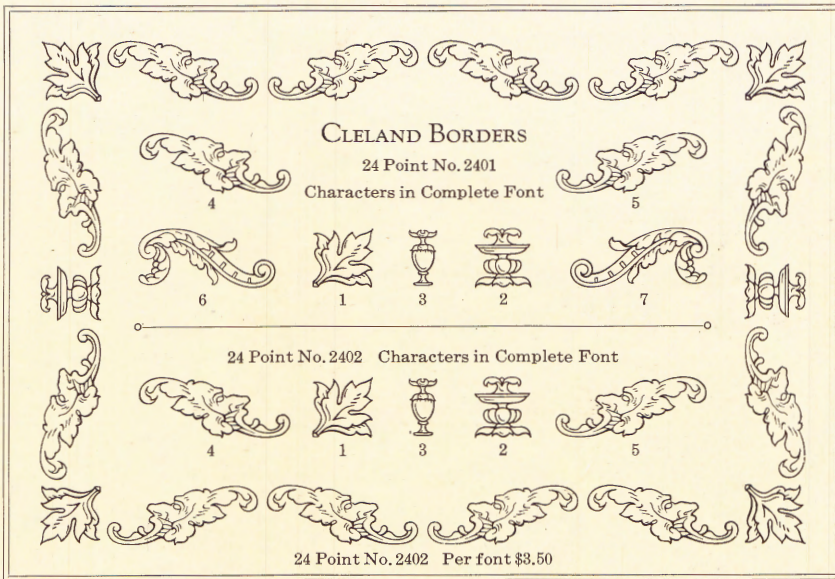
6 Point No. 622

60 inches \$2.50

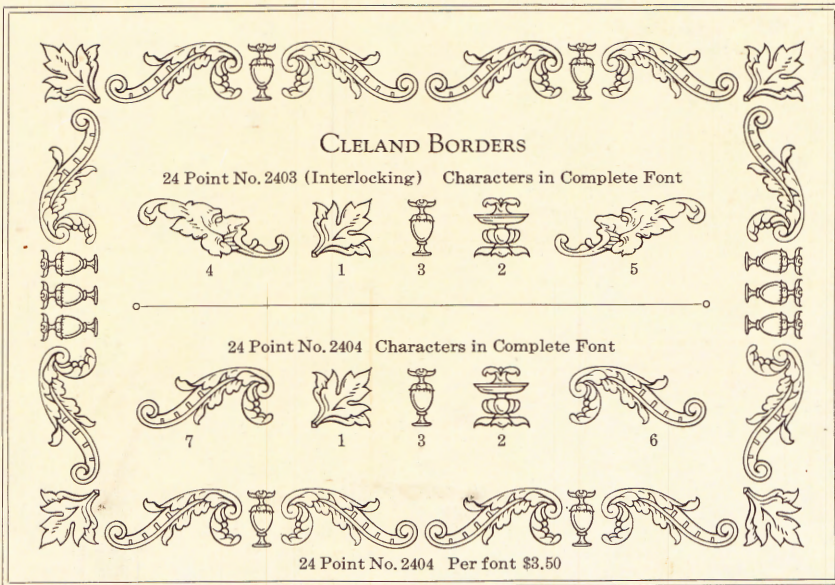


DECORATIVE MATERIAL

24 Point No. 2401 Per font \$4.00

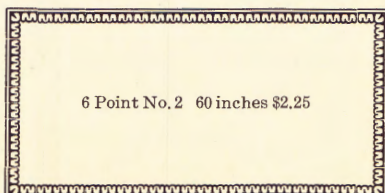


24 Point No. 2403 Per font \$4.00

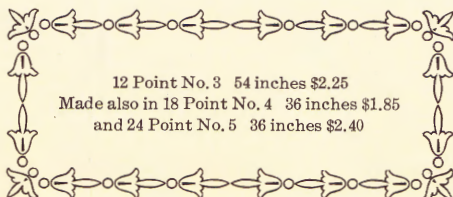


DECORATIVE MATERIAL

DELLA ROBBIA BORDERS



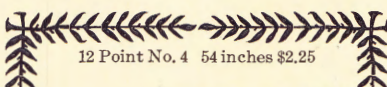
6 Point No. 2 60 inches \$2.25



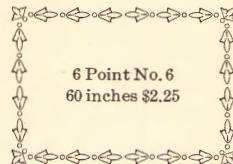
12 Point No. 3 54 inches \$2.25
Made also in 18 Point No. 4 36 inches \$1.85
and 24 Point No. 5 36 inches \$2.40



24 Point No. 3 36 inches \$2.40



12 Point No. 4 54 inches \$2.25



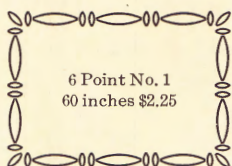
6 Point No. 6
60 inches \$2.25



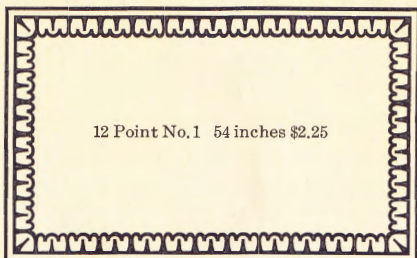
24 Point No. 1 36 inches \$2.40

12 Point No. 11
54 inches \$2.25

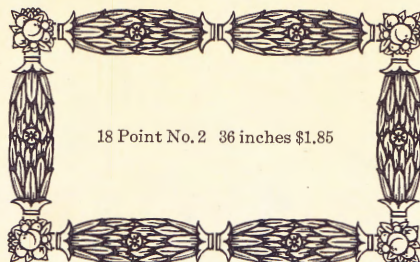
Made also in 36 Point No. 3 24 inches \$2.40



6 Point No. 1
60 inches \$2.25



12 Point No. 1 54 inches \$2.25

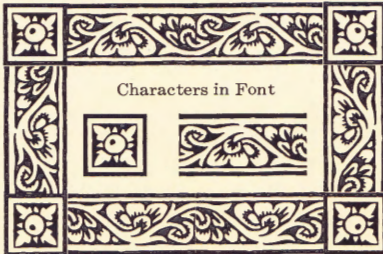


18 Point No. 2 36 inches \$1.85

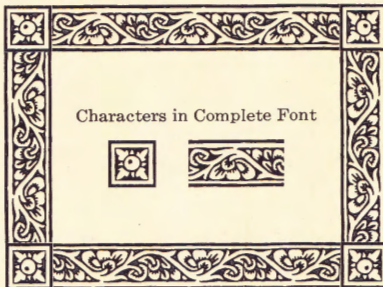
DECORATIVE MATERIAL

CHAUCER BORDERS

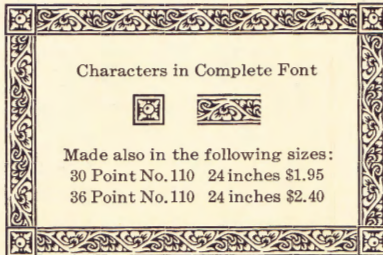
24 Point No. 110 36 inches \$2.40



18 Point No. 110 36 inches \$1.85



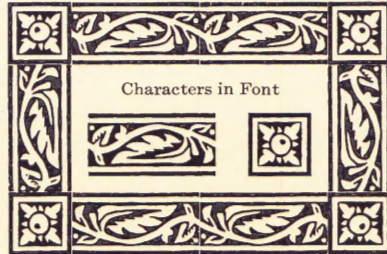
12 Point No. 110 54 inches \$2.25



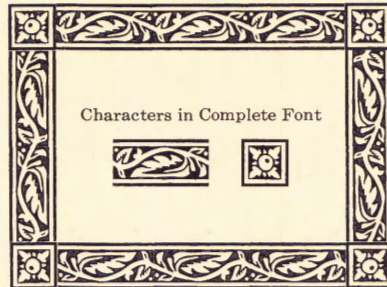
Made also in the following sizes:
30 Point No. 110 24 inches \$1.95
36 Point No. 110 24 inches \$2.40

PABST BORDERS

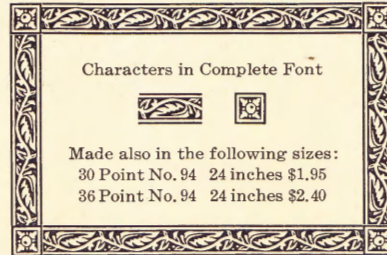
24 Point No. 94 36 inches \$2.40



18 Point No. 94 36 inches \$1.85



12 Point No. 94 54 inches \$2.25



Made also in the following sizes:
30 Point No. 94 24 inches \$1.95
36 Point No. 94 24 inches \$2.40

BROCKTON BORDERS

12 Point 54 inches \$2.25



8 Point 54 inches \$1.95

Made also in the following sizes:
10 Point 54 inches \$2.10
14 Point 42 inches \$2.25
18 Point 36 inches \$1.85

6 Point 60 inches \$2.25

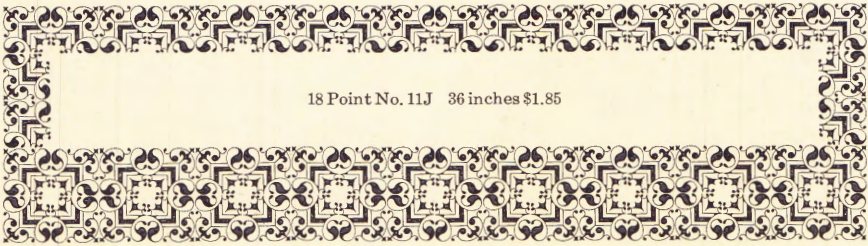
Characters in Complete Font



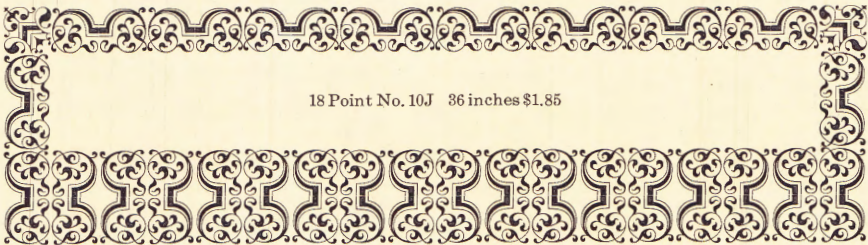
Characters are the same in all sizes

DECORATIVE MATERIAL

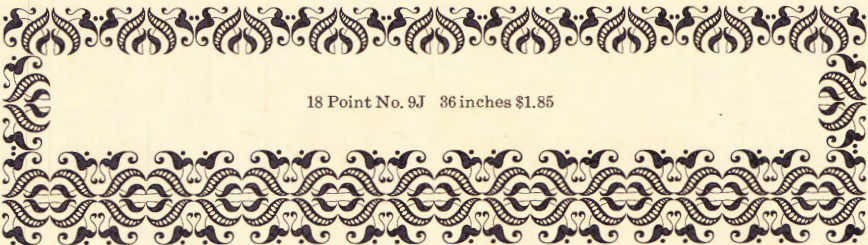
CHAP-BOOK BORDERS



18 Point No. 11J 36 inches \$1.85



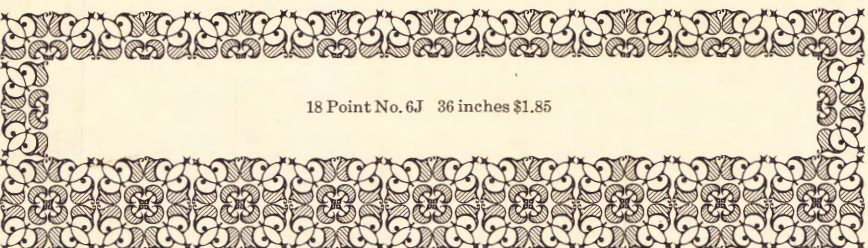
18 Point No. 10J 36 inches \$1.85



18 Point No. 9J 36 inches \$1.85



18 Point No. 8J 36 inches \$1.85



18 Point No. 6J 36 inches \$1.85

FOR ONE OR TWO COLORS

A Showing of
Holiday Borders

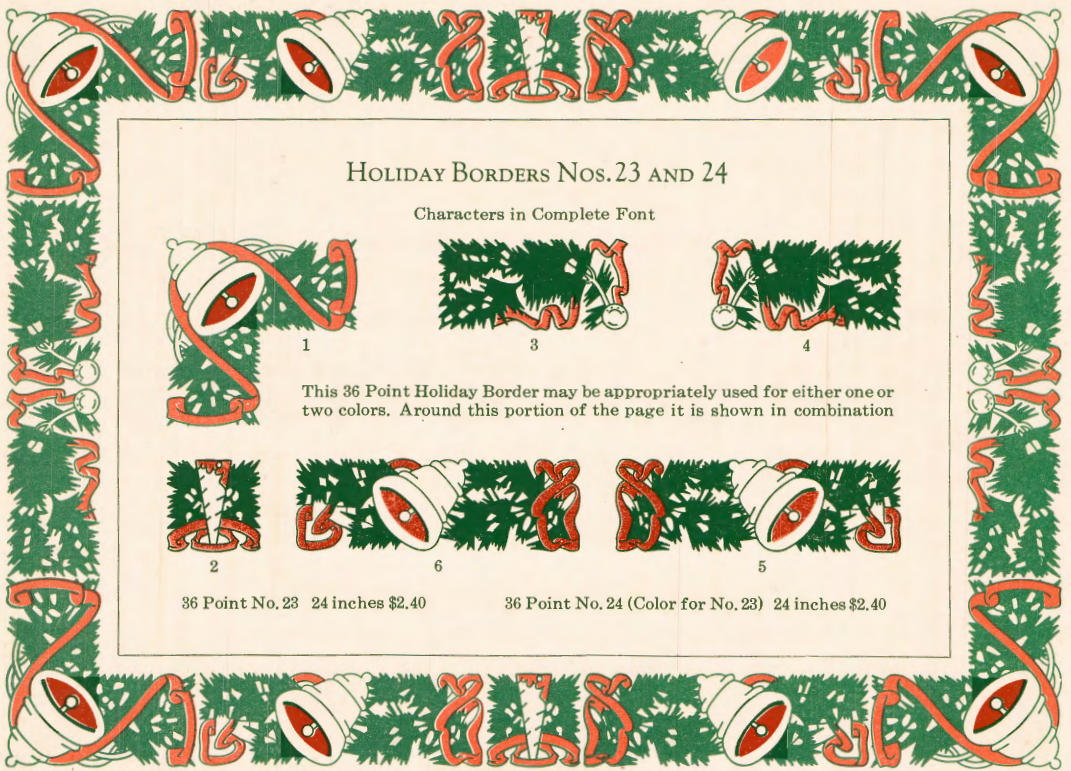
*Made in a Variety
of Appropriate Designs and
Desirable Sizes*



*American Type Founders
Company*

DECORATIVE MATERIAL OF EVERY DESCRIPTION

DECORATIVE MATERIAL



DECORATIVE MATERIAL



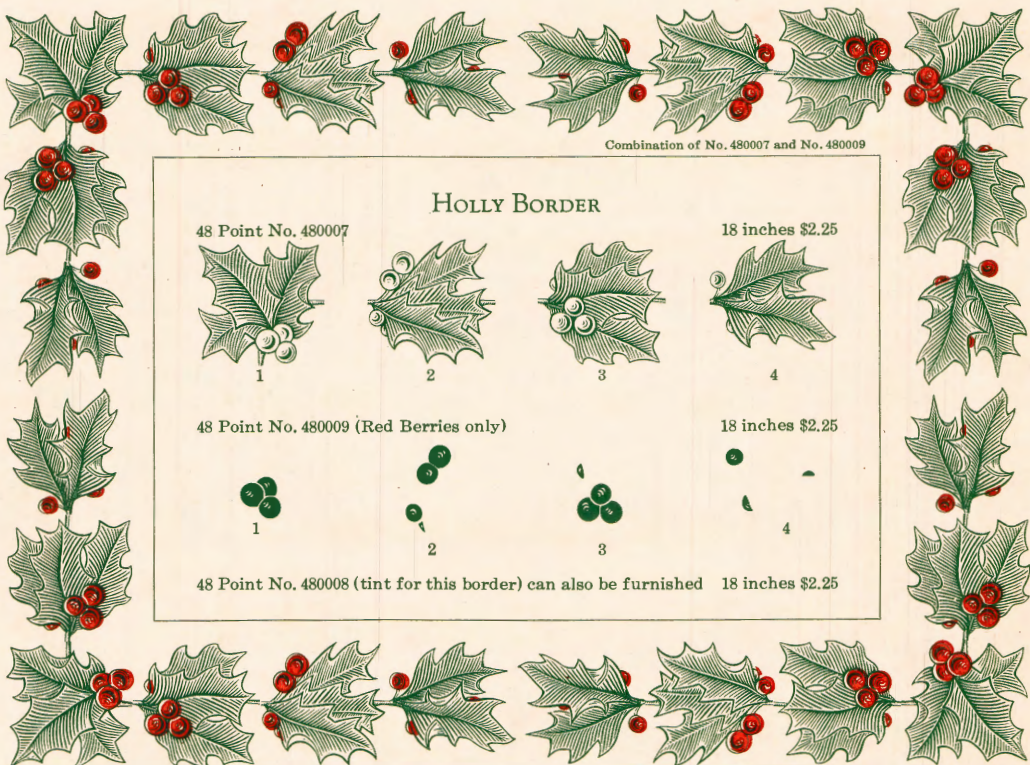
Borders shown on this page are made for one color only



DECORATIVE MATERIAL



DECORATIVE MATERIAL



Combination of No. 480007 and No. 480009

HOLLY BORDER

48 Point No. 480007



1



2



3

18 inches \$2.25



4

48 Point No. 480009 (Red Berries only)



1



2



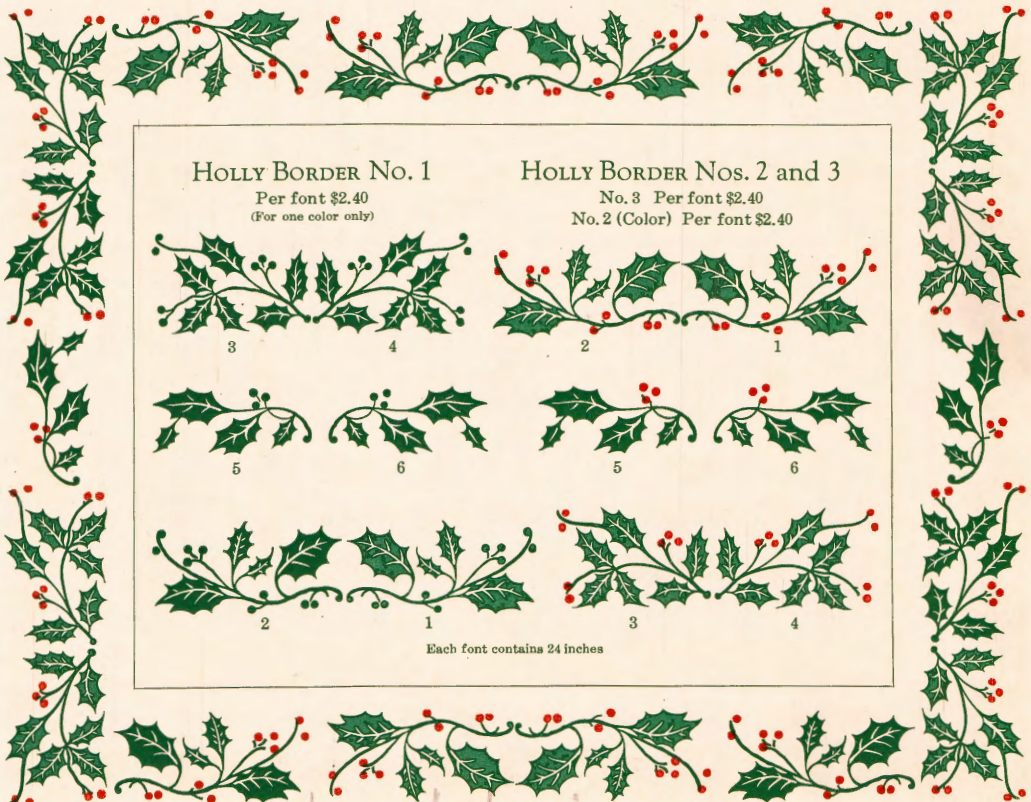
3

18 inches \$2.25



4

48 Point No. 480008 (tint for this border) can also be furnished 18 inches \$2.25



HOLLY BORDER No. 1

Per font \$2.40
(For one color only)



3



4

HOLLY BORDER Nos. 2 and 3

No. 3 Per font \$2.40
No. 2 (Color) Per font \$2.40



2



1



5



6



5



6



2



1



3



4

Each font contains 24 inches

The border used around the lower half of this page is Holly Border Nos. 2 and 3; the No. 2 is the red dots (or berries) only

DECORATIVE MATERIAL

36 Point No. 27 (Green) 42 inches \$4.25

36 Point No. 28 (Color for No. 27) 42 inches \$4.25

HOLIDAY BORDERS NOS. 27 AND 28

Characters in Complete Font



24 Green 34 Red



21 Green
31 Red



22 Green 32 Red



11 Green



6 Green



10 Green



8 Green



25 Green
35 Red



23 Green 33 Red



29 Green
39 Red



27 Green
37 Red

36 Point No. 26 (for one color only) 42 inches \$4.25

The borders shown on this page are made for one or two colors and are fonted separately. Fonts of red characters (berries) include special justifying spaces which are the exact size of the four one-color pieces, and enable the printer to assemble color forms with great ease.

24 Point No. 30 (Green) 54 inches \$4.25

24 Point No. 31 (Color for No. 30) 54 inches \$4.25

HOLIDAY BORDERS NOS. 30 AND 31

Characters in Complete Font



203 Green
303 Red



201 Green
301 Red



202 Green
302 Red



108 Green



106 Green



110 Green



111 Green



207 Green
307 Red



209 Green
309 Red



204 Green
304 Red



205 Green
305 Red

24 Point No. 29 (for one color only) 54 inches \$4.25

DECORATIVE MATERIAL

24 Point No. 34 (for two colors) Per font \$5.40

12 Point No. 32 (for two colors)
Per font \$4.85

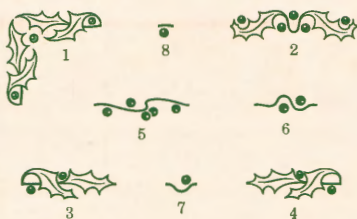
HOLIDAY BORDERS

Made for two colors

Characters in Complete Font



Characters in all three sizes of this border
are identical in design and numbered the
same as those shown here



AMERICAN TYPE FOUNDERS
COMPANY

18 Point No. 33 (for two colors) Per font \$5.15

DECORATIVE MATERIAL

CHRISTMAS TREE BORDERS
Made in Six Sizes



12 Point 54 inches \$2.25



18 Point 36 inches \$1.85



36 Point 24 inches \$2.40




48 Point 18 inches \$2.25




60 Point 12 inches \$1.80


HOLLY CORNERS




No. 11



No. 10



No. 9



No. 8

No. 10, for one color... Per set of four \$1.00
No. 11, for two colors... Per set of four \$2.00

No. 8, for two colors... Per set of four \$2.00
No. 9, for two colors... Per set of eight \$1.15

This insert printed on PINK ARVEN COVER, plate finish

Basis 25 x 38-80 lbs.

Made by AMERICAN WRITING PAPER CO.

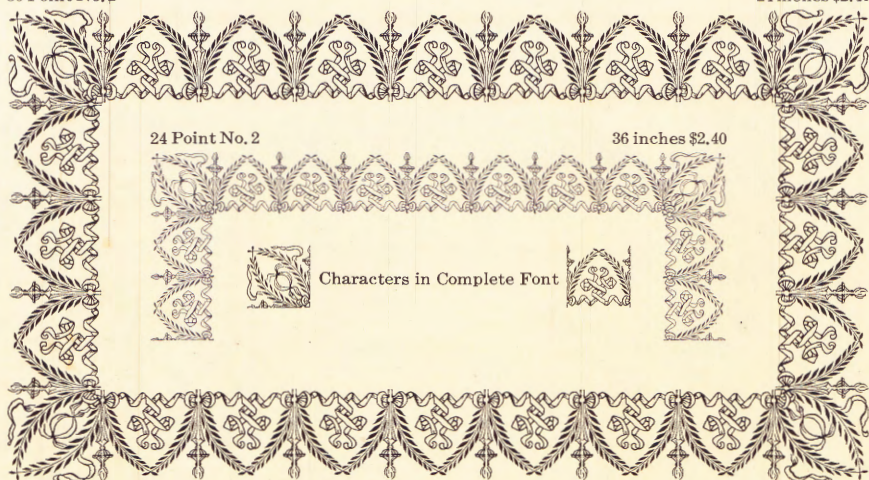
Holyoke, Mass.

DECORATIVE MATERIAL

EMPIRE BORDERS

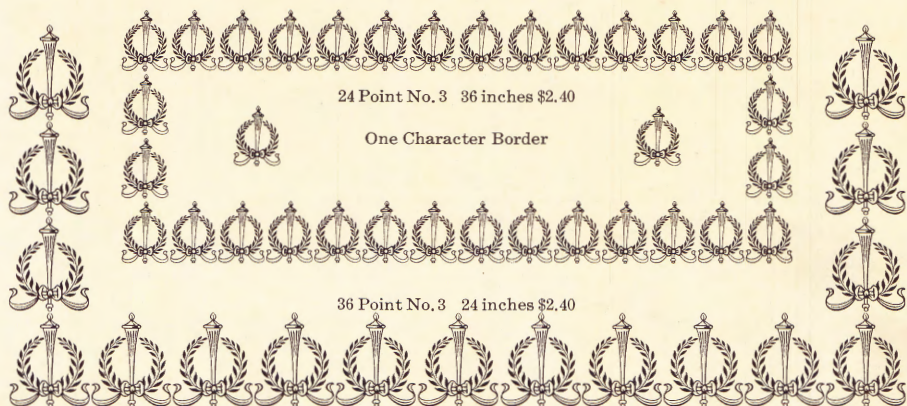
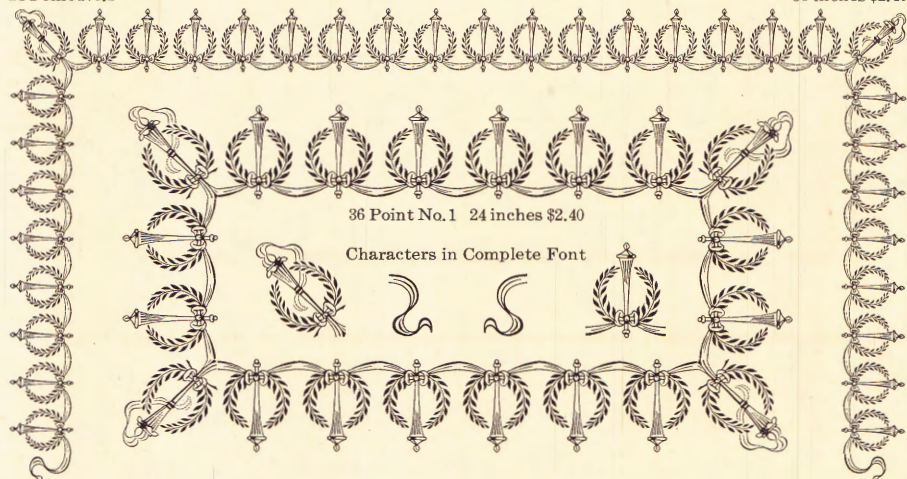
36 Point No. 2

24 inches \$2.40



24 Point No. 1

36 inches \$2.40

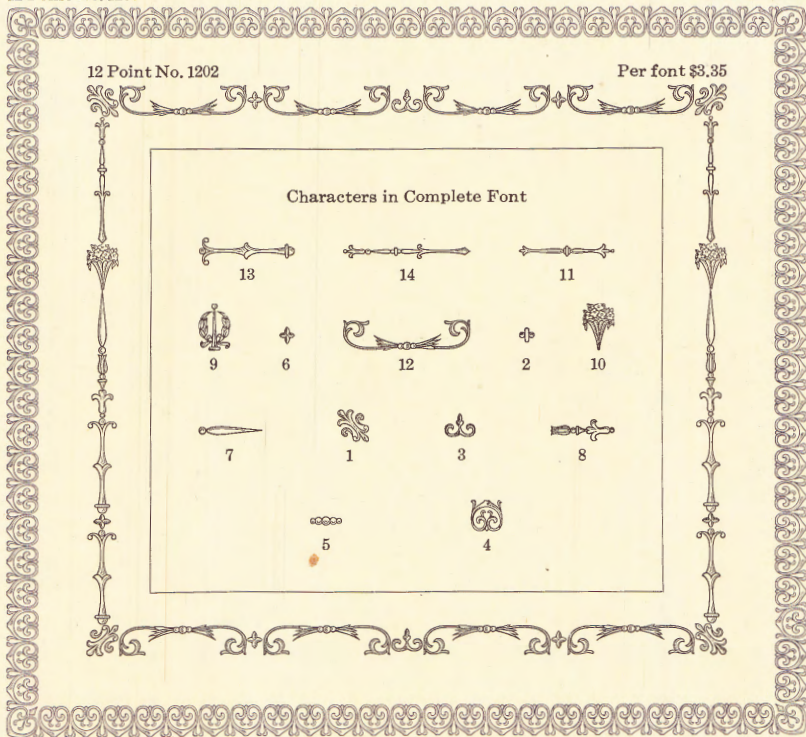


DECORATIVE MATERIAL

ENGRAVERS BORDERS

12 Point No. 1205

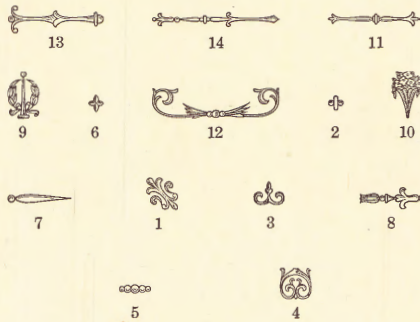
54 inches \$2.25



12 Point No. 1202

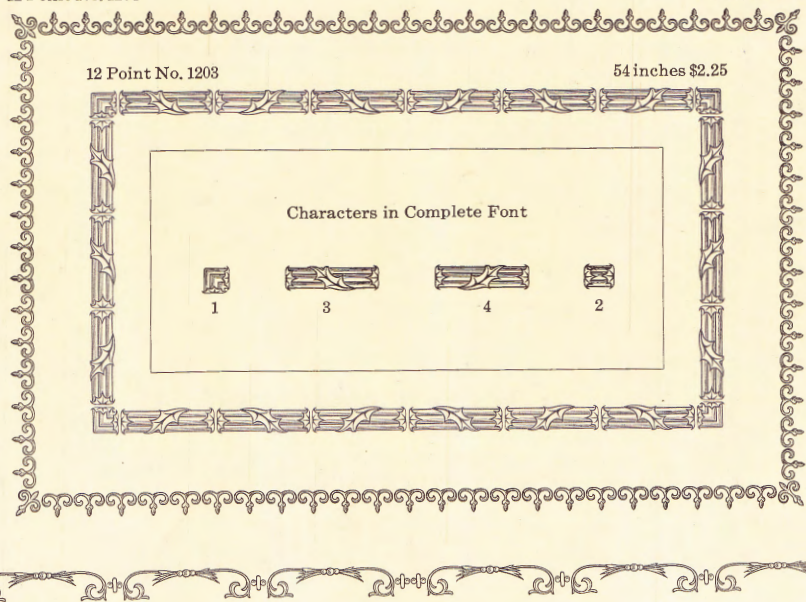
Per font \$3.35

Characters in Complete Font



12 Point No. 1204

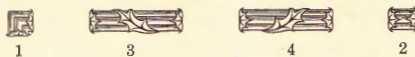
54 inches \$2.25



12 Point No. 1203

54 inches \$2.25

Characters in Complete Font

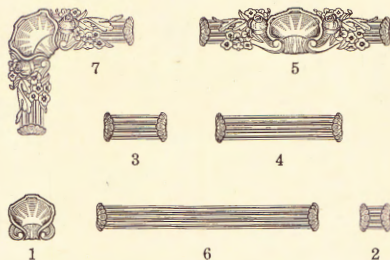


DECORATIVE MATERIAL

ENGRAVERS BORDERS

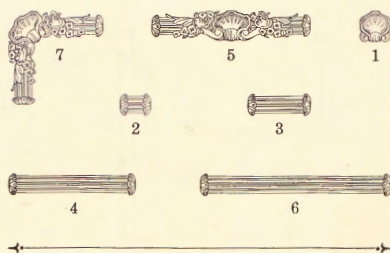
18 Point No. 1801 48 inches \$2.75

Characters in Complete Font



12 Point No. 1201 54 inches \$2.25

Characters in Complete Font

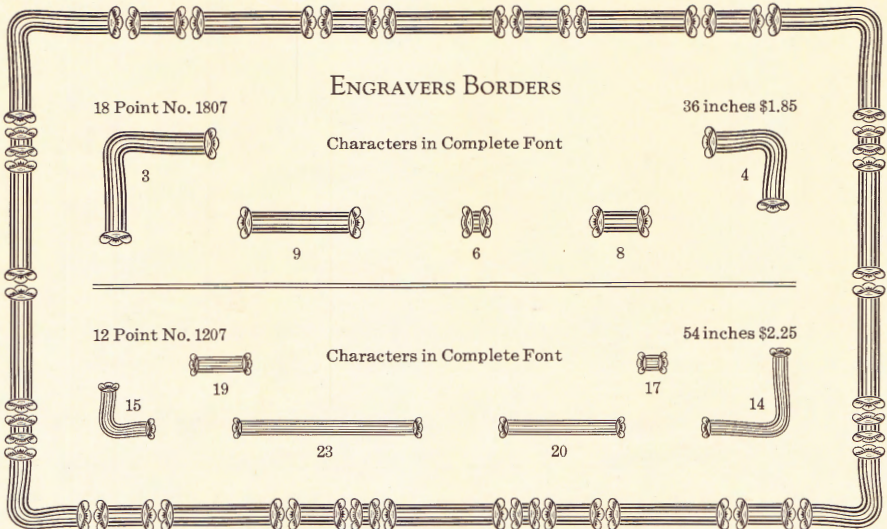
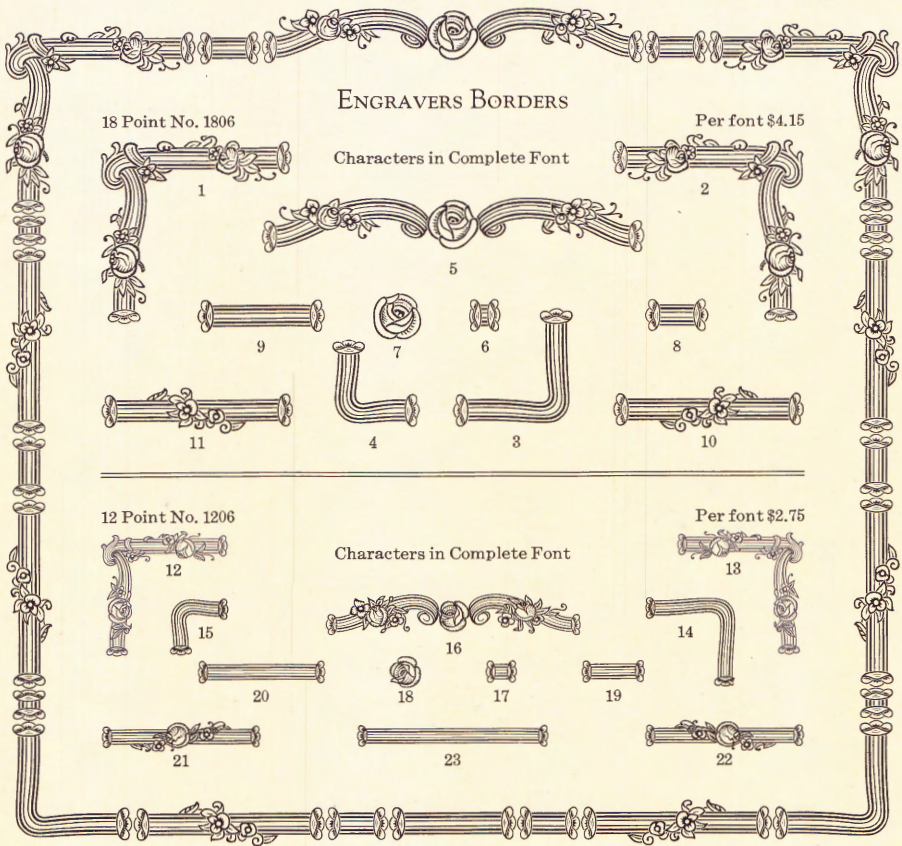


6 Point No. 601 60 inches \$2.25

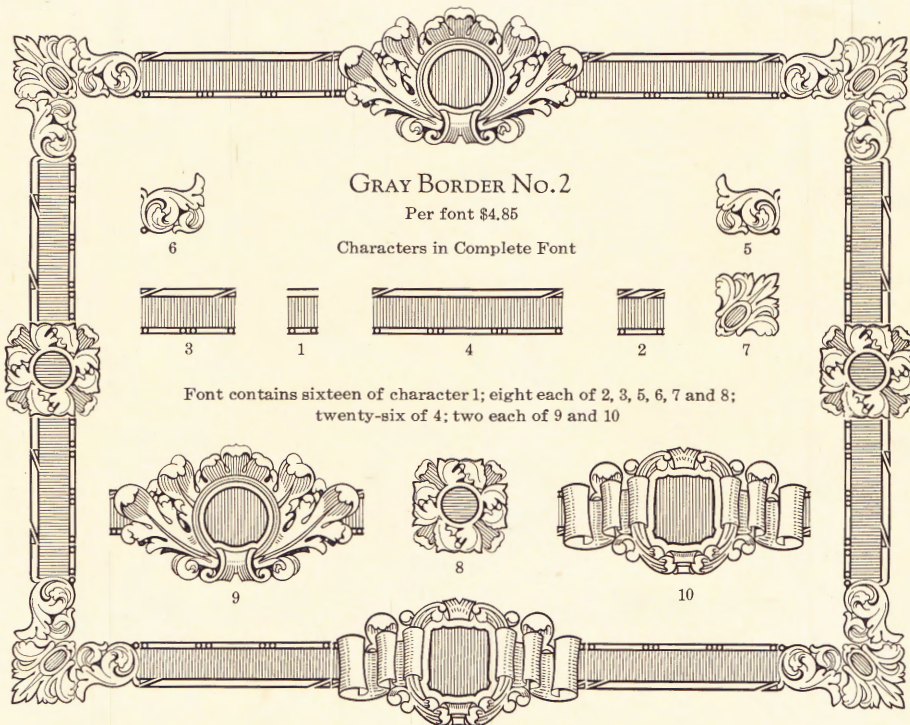
Characters in Complete Font



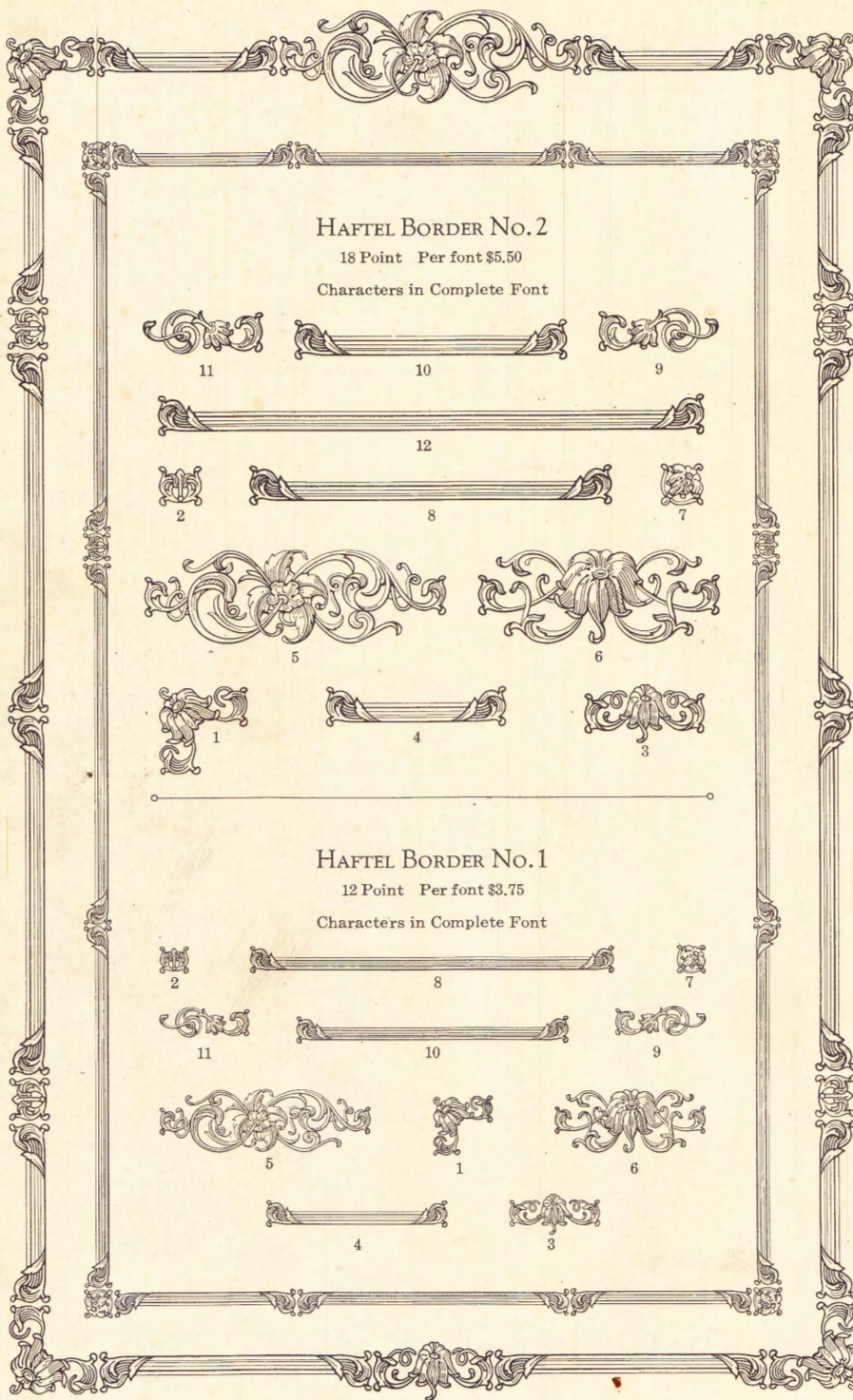
DECORATIVE MATERIAL



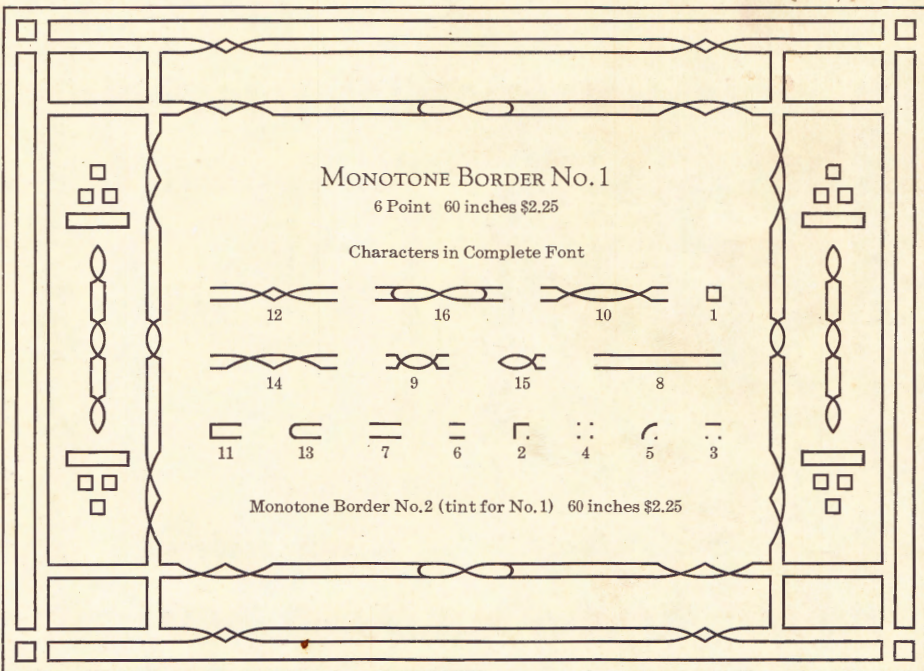
DECORATIVE MATERIAL



DECORATIVE MATERIAL



DECORATIVE MATERIAL

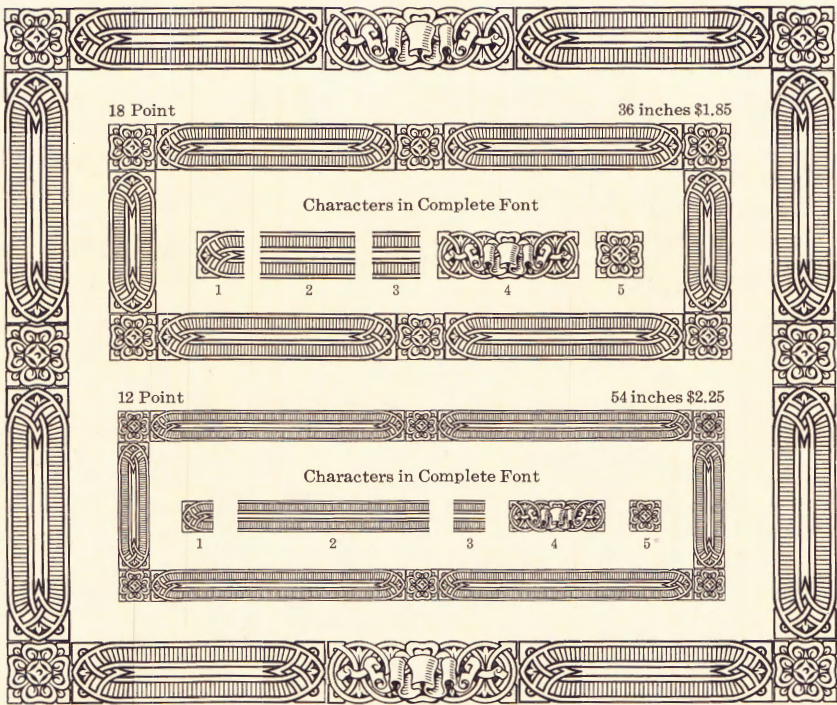


DECORATIVE MATERIAL

ANTIQUE BORDERS No. 1

24 Point

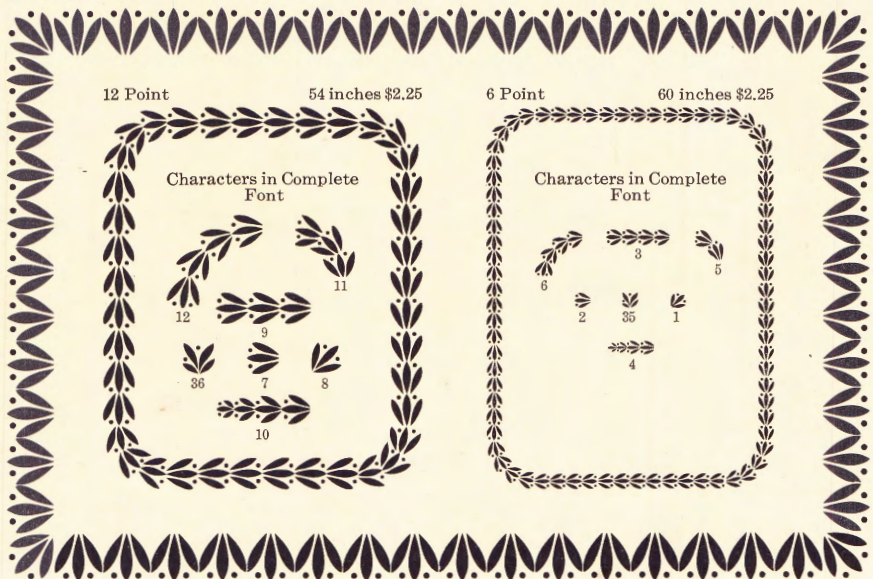
36 inches \$2.40



LAUREL BORDERS

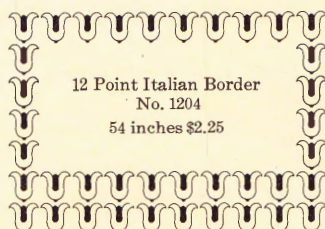
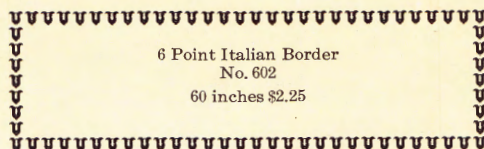
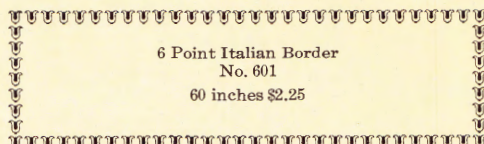
18 Point

36 inches \$1.85

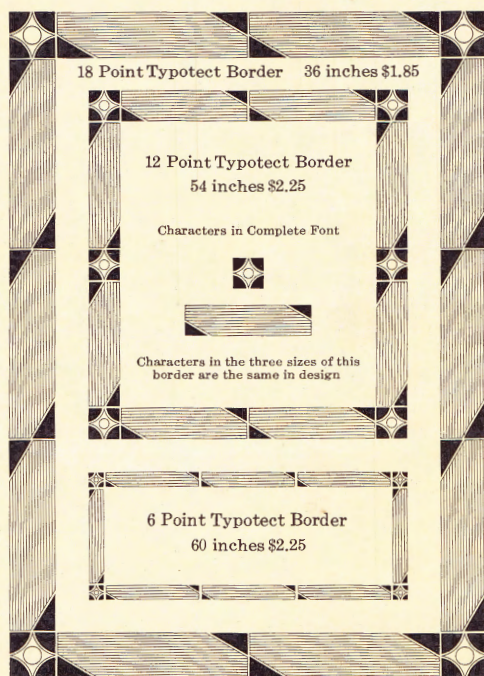


DECORATIVE MATERIAL

ITALIAN BORDERS

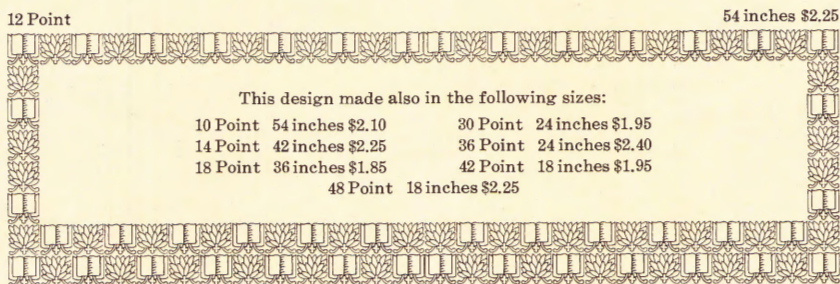
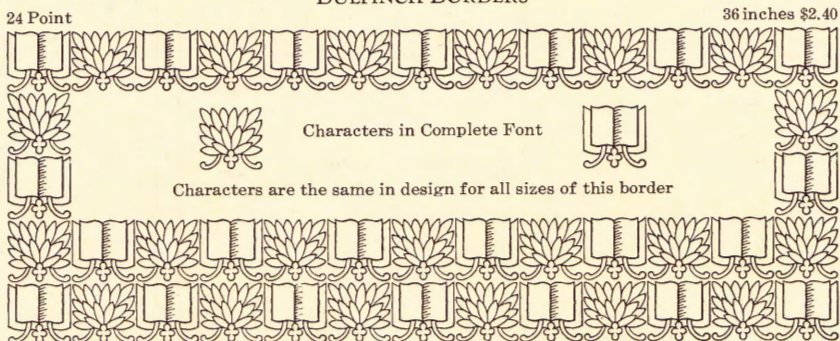


TYPOTECT BORDER No. 1

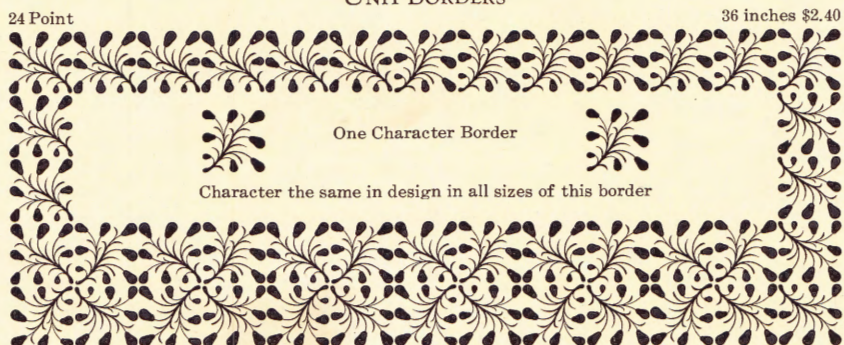


DECORATIVE MATERIAL

BULFINCH BORDERS

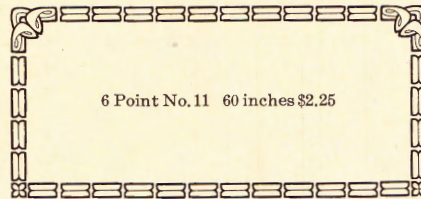
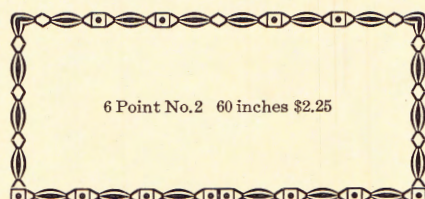
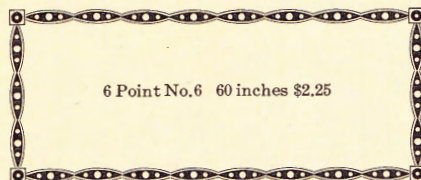
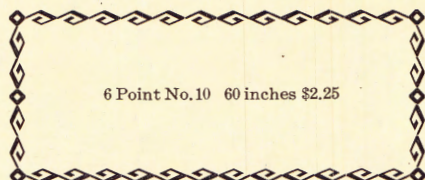
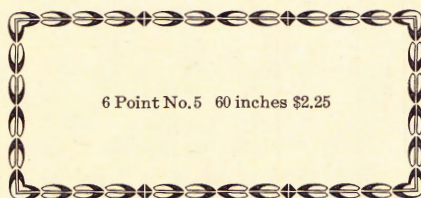
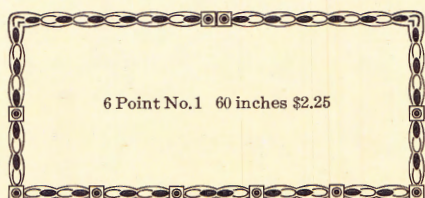


UNIT BORDERS

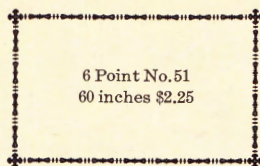
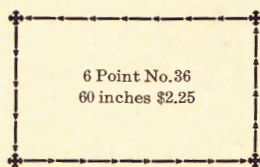
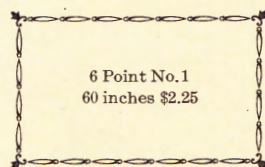


DECORATIVE MATERIAL

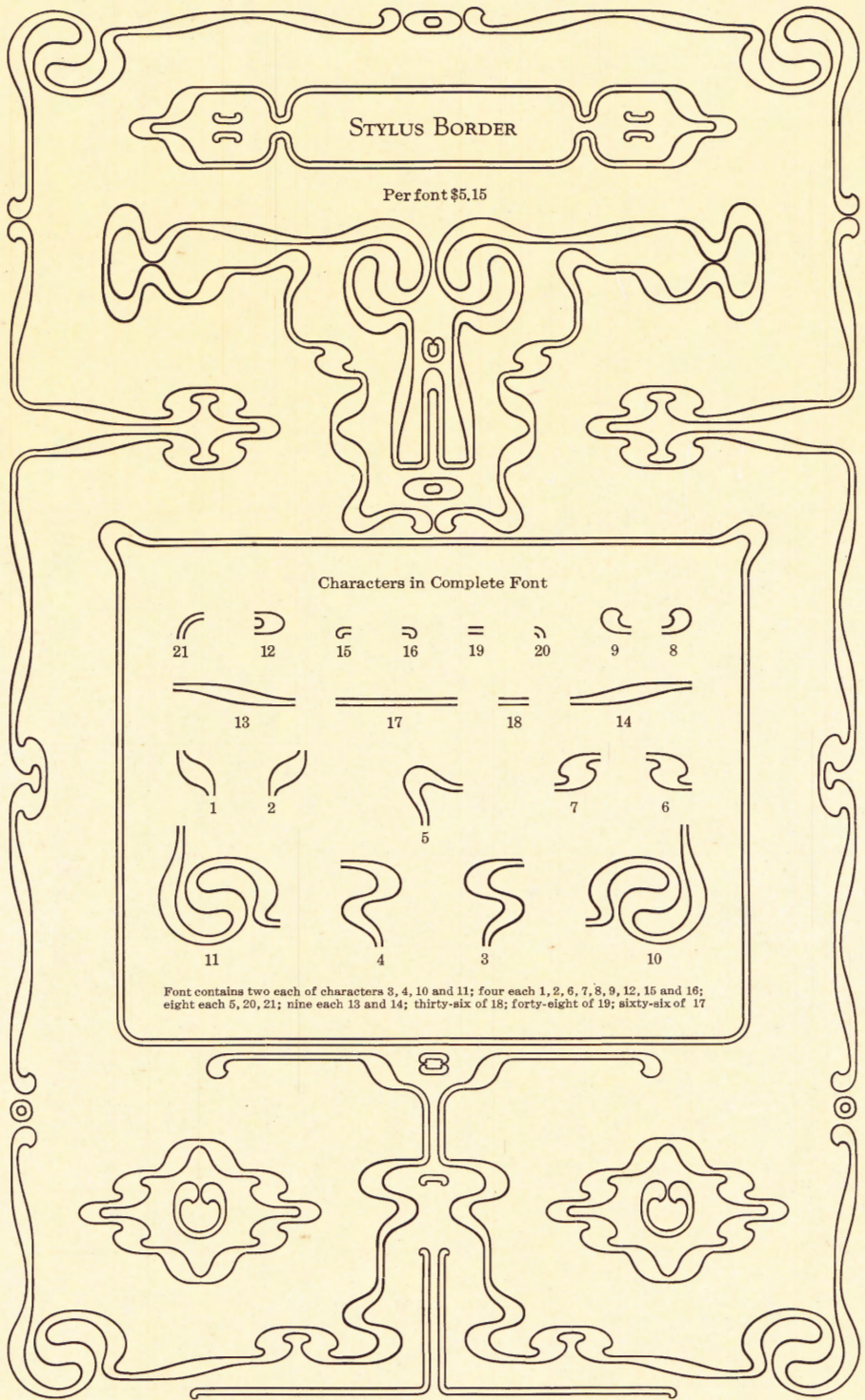
HYLITE BORDERS



PANEL BORDERS



DECORATIVE MATERIAL



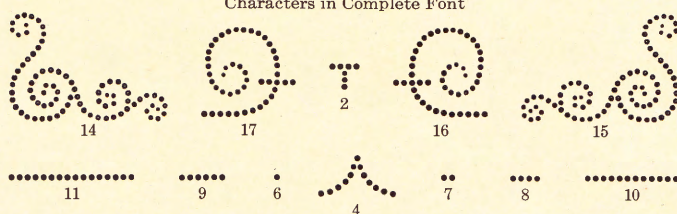
DECORATIVE MATERIAL

DAINTY BORDER No. 1

Per font \$5.45

This border is capable of being set in an almost infinite number of combinations, all easily constructed. It will look extremely well in red or any secondary color in a type composition, and at the same time is strong enough to make attractive borders, panels, decorations and end pieces in a one-color composition

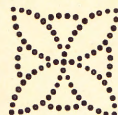
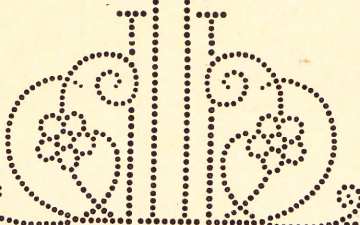
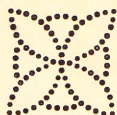
Characters in Complete Font



Font contains eight each of characters 1, 2, 3, 4 and 5; sixteen each of 6 and 7; nineteen of 8; eighteen of 9; twenty-six of 10; twenty-four of 11; four each of 12, 13, 14, 15, 16 and 17

BORDER BEAUTIES
OBTAINED

HIGHLY EFFECTIVE
COMBINATIONS

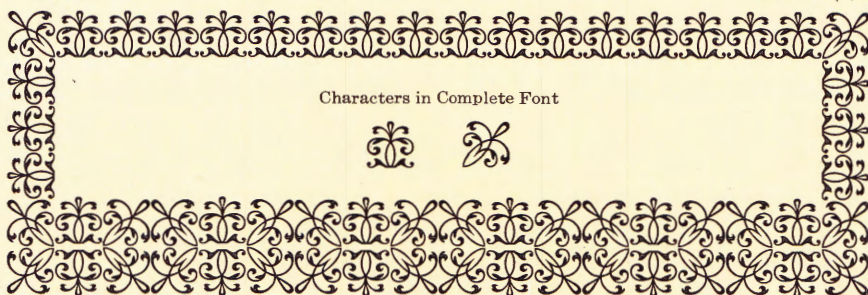


DECORATIVE MATERIAL

OLD ENGLISH BORDERS

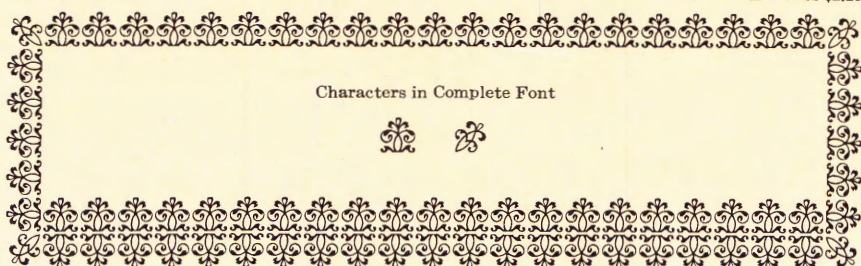
18 Point No. 36

36 inches \$1.85



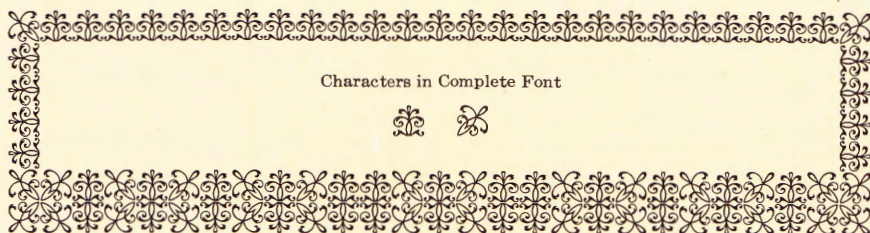
14 Point No. 13

42 inches \$2.25



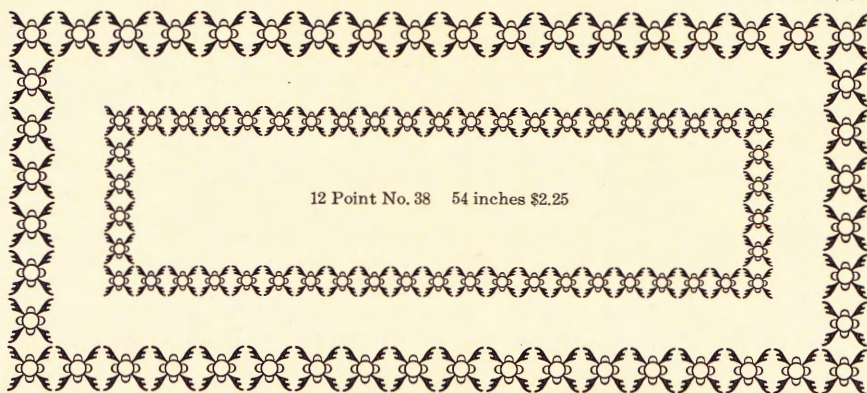
12 Point No. 37

54 inches \$2.25



18 Point No. 39

36 inches \$1.85

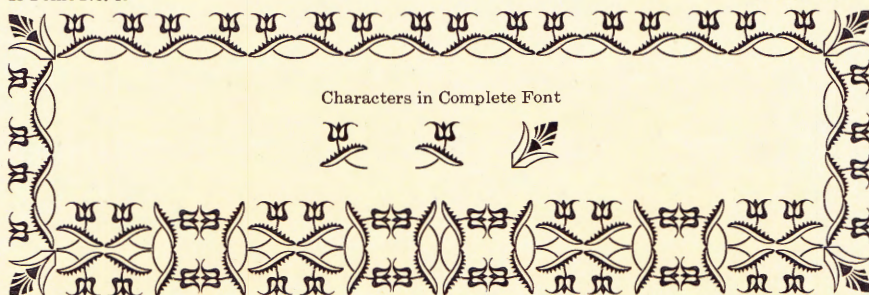


DECORATIVE MATERIAL

OLD ENGLISH BORDERS

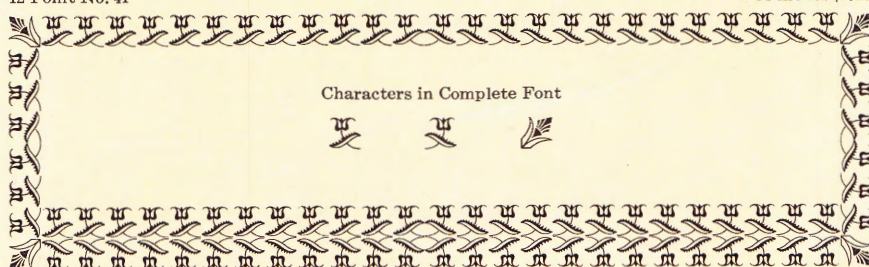
18 Point No. 40

36 inches \$1.85



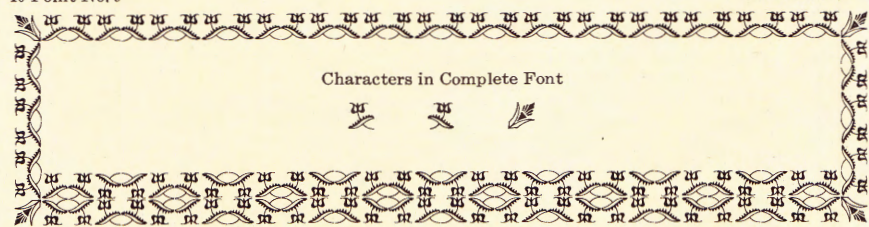
12 Point No. 41

54 inches \$2.25



10 Point No. 9

54 inches \$2.10



18 Point No. 42

36 inches \$1.85

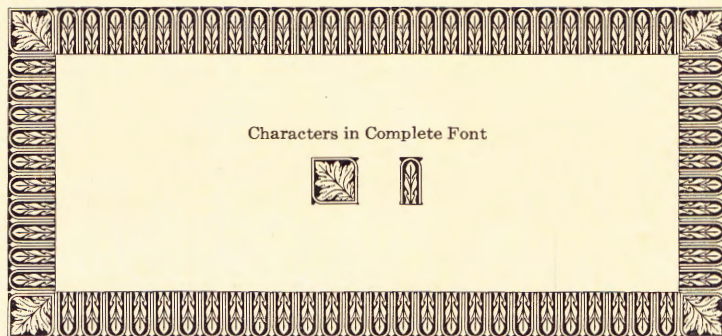


DECORATIVE MATERIAL

ROMAN BORDERS

18 Point No. 1802

48 inches \$3.00



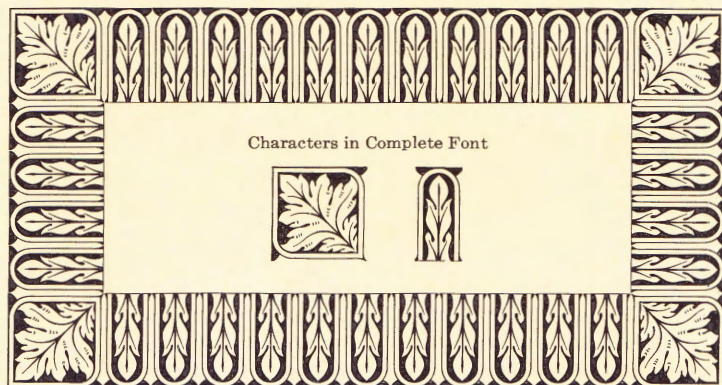
24 Point No. 2402

42 inches \$3.50



36 Point No. 3602

30 inches \$3.75

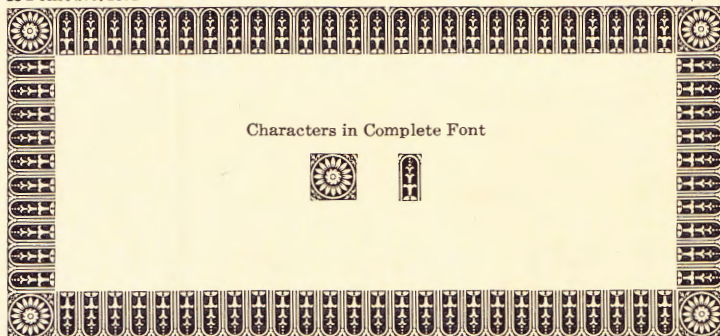


DECORATIVE MATERIAL

ROMAN BORDERS

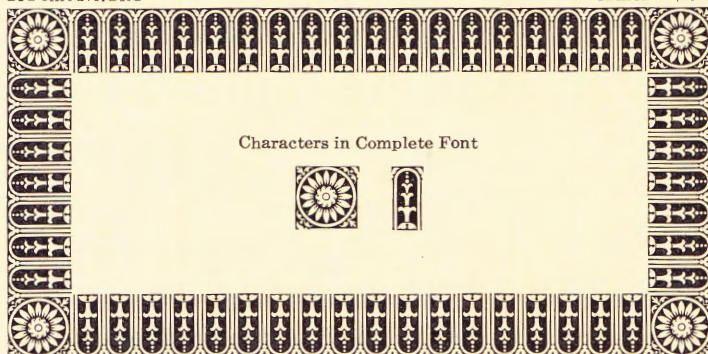
18 Point No. 1801

48 inches \$3.00



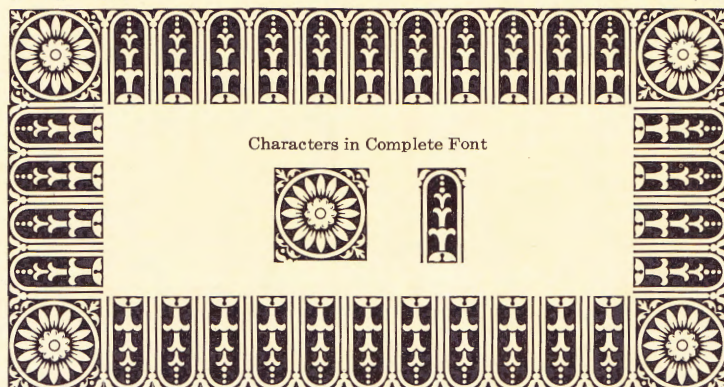
24 Point No. 2401

42 inches \$3.50

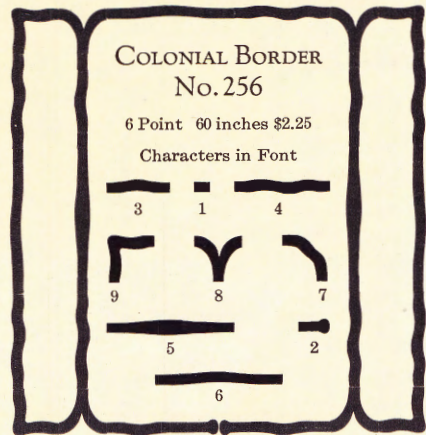
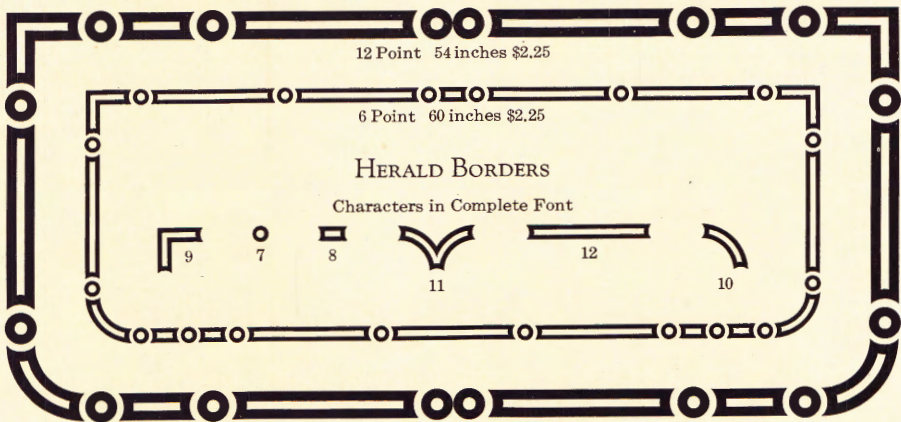
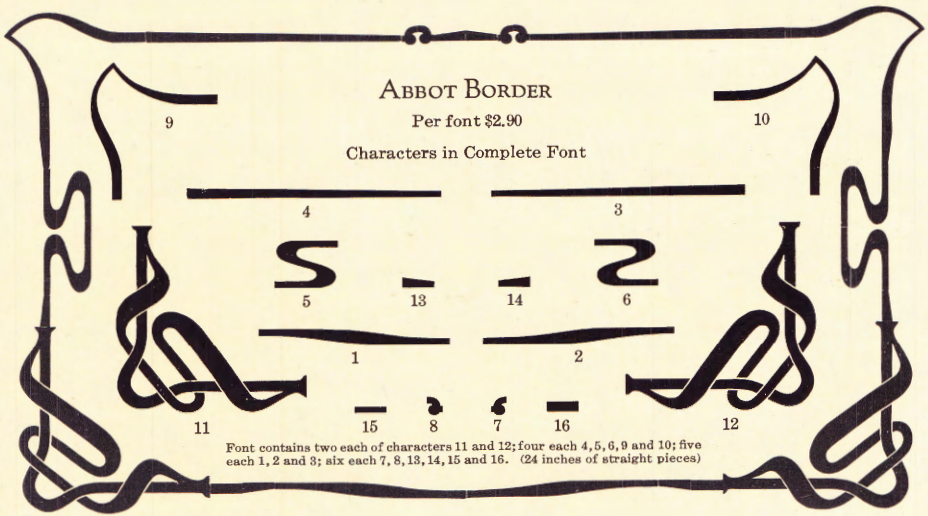


36 Point No. 3601

30 inches \$3.75



DECORATIVE MATERIAL

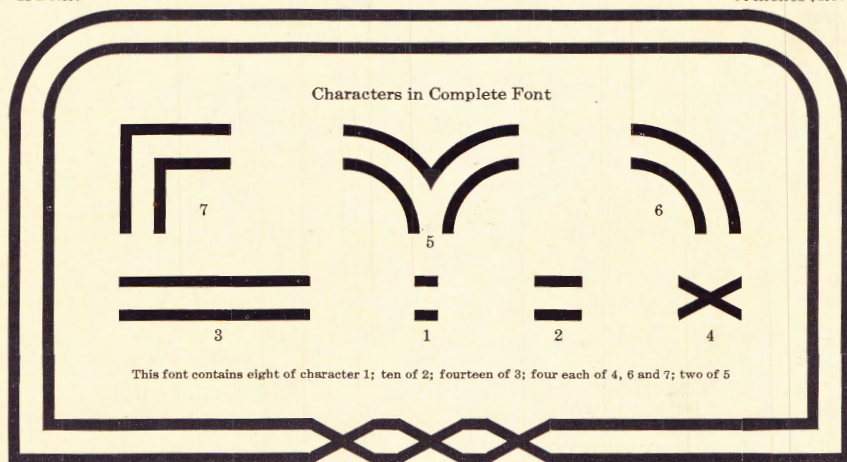


DECORATIVE MATERIAL

MERCANTILE BORDERS

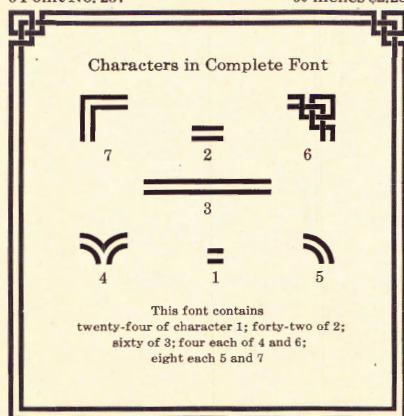
18 Point

36 inches \$1.85



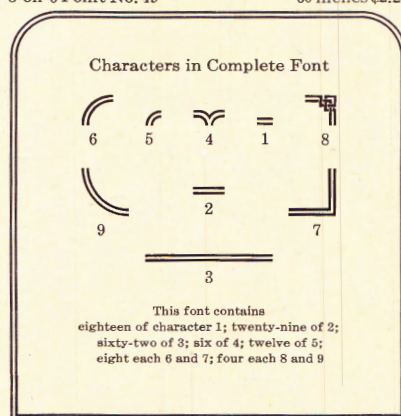
6 Point No. 257

60 inches \$2.25



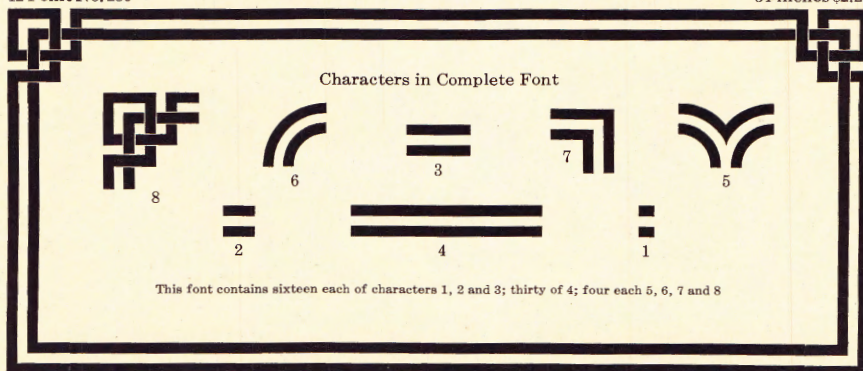
3-on-6 Point No. 49

60 inches \$2.25



12 Point No. 236

54 inches \$2.25

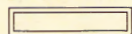


DECORATIVE MATERIAL

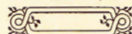
CENTURY BORDERS

12 Point No. 3

54 inches \$2.25



Characters in Complete Font

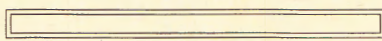


4

3



1



5



2

This design made also in 18 Point No. 1 36 inches \$1.85

12 Point No. 5

54 inches \$2.25



3

Characters in Complete Font



4



2



5



1

This design made also in 18 Point No. 3 36 inches \$1.85

12 Point No. 7

54 inches \$2.25



5

Characters in Font



1



6



3



7



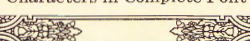
4

12 Point No. 8

54 inches \$2.25



2



4



1



3



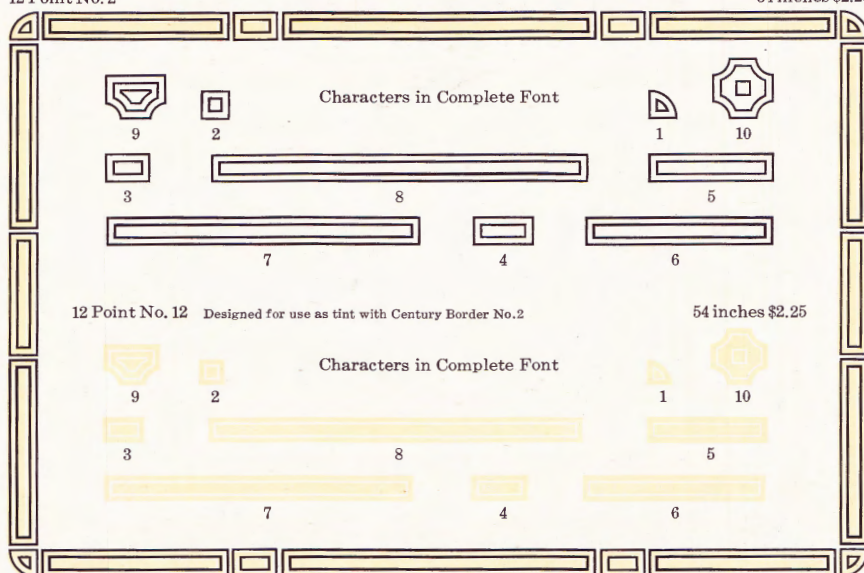
5

DECORATIVE MATERIAL

CENTURY BORDERS

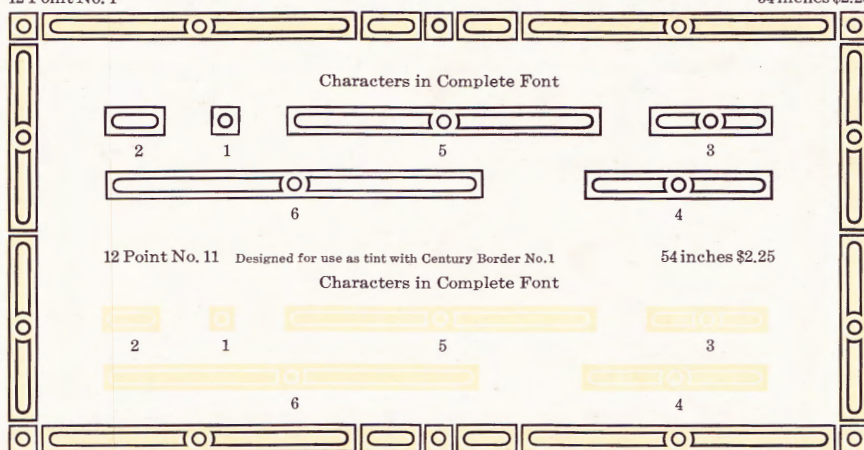
12 Point No. 2

54 inches \$2.25



12 Point No. 1

54 inches \$2.25



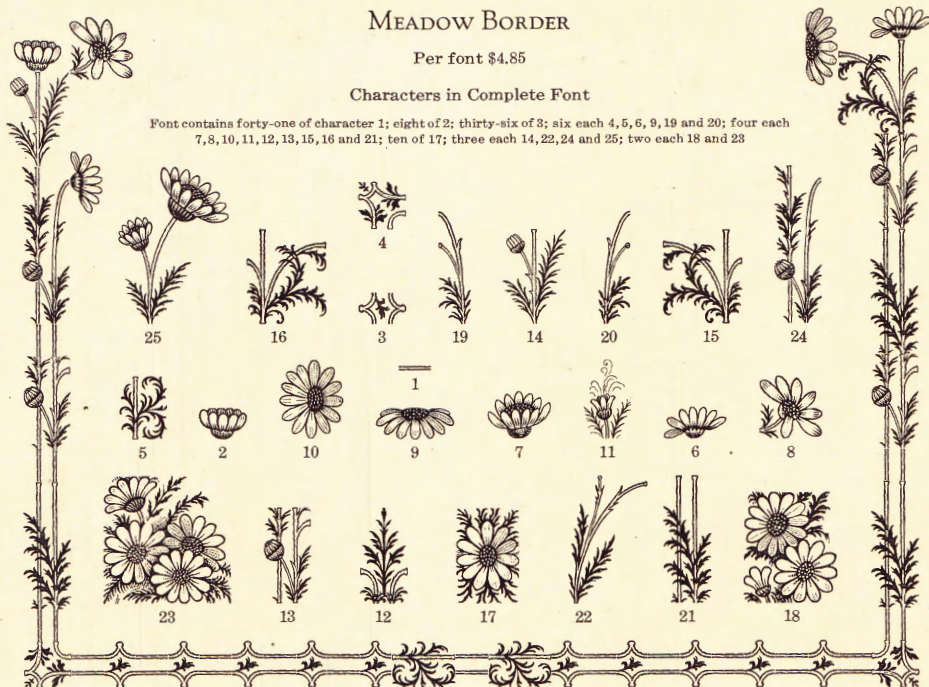
DECORATIVE MATERIAL

MEADOW BORDER

Per font \$4.85

Characters in Complete Font

Font contains forty-one of character 1; eight of 2; thirty-six of 3; six each 4, 5, 6, 9, 19 and 20; four each 7, 8, 10, 11, 12, 13, 15, 16 and 21; ten of 17; three each 14, 22, 24 and 25; two each 18 and 23

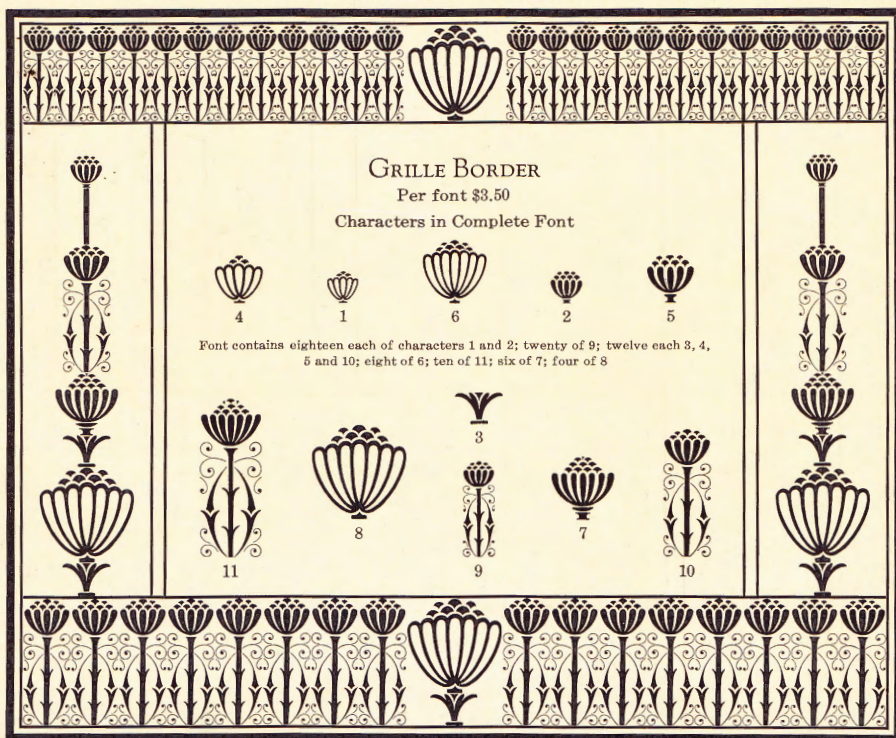


GRILLE BORDER

Per font \$3.50

Characters in Complete Font

Font contains eighteen each of characters 1 and 2; twenty of 9; twelve each 3, 4, 5 and 10; eight of 6; ten of 11; six of 7; four of 8



DECORATIVE MATERIAL

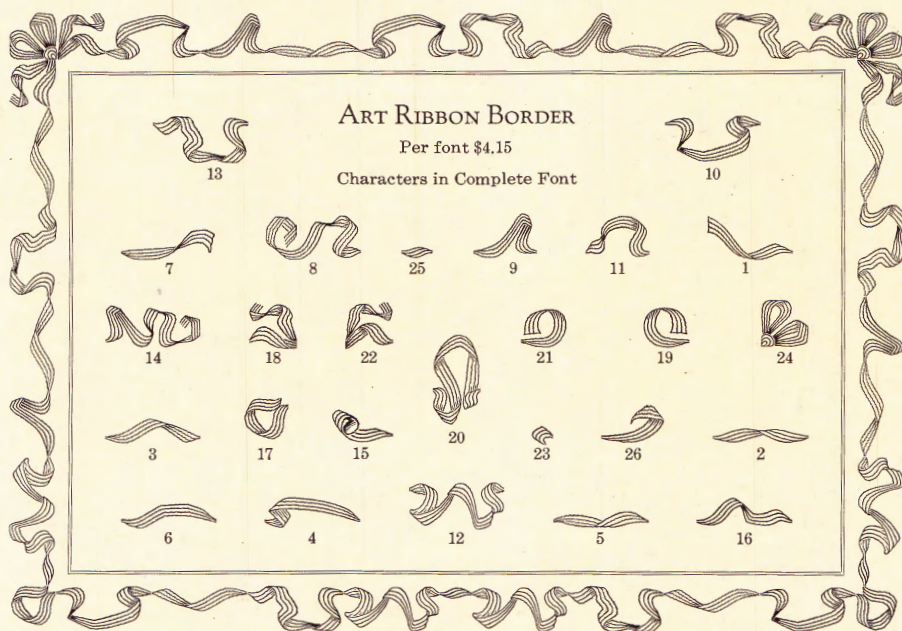
SANSOM BORDER
Per font \$4.25
Characters in Complete Font



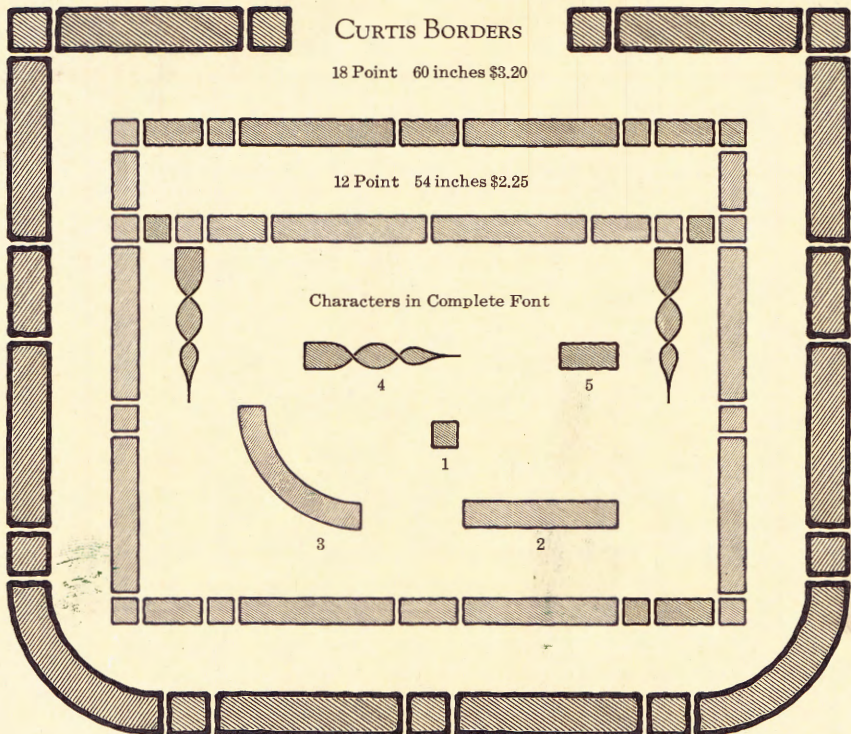
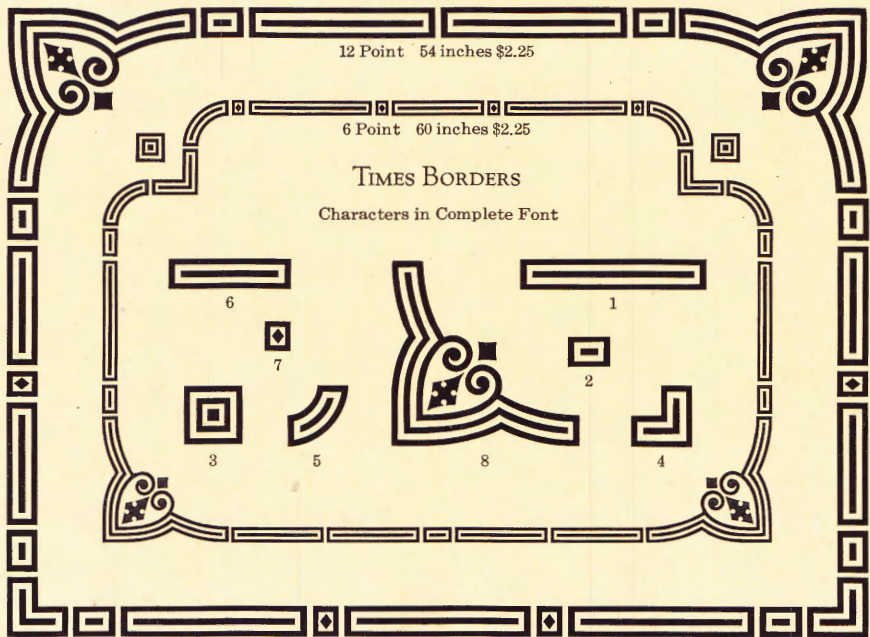
Font contains thirty of character 1: twenty-four each 5 and 6; eighteen each 2 and 7; twelve each 8 and 9; eight each 3, 4 and 11; three of 12; five of 10

SANSOM BORDER No. 2
Per font \$3.00
Characters in Complete Font

ART RIBBON BORDER
Per font \$4.15
Characters in Complete Font



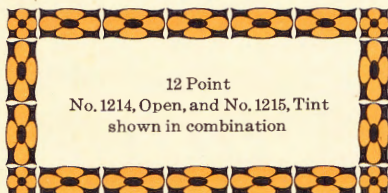
DECORATIVE MATERIAL



DECORATIVE MATERIAL

AMERICAN BORDERS

ONE OR TWO COLORS



12 Point No. 1214, Open 54 inches \$2.25



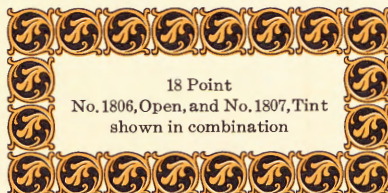
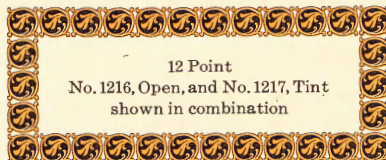
12 Point No. 1215, Tint 54 inches \$2.25



12 Point No. 1216, Open 54 inches \$2.25



12 Point No. 1217, Tint 54 inches \$2.25



18 Point No. 1806, Open 36 inches \$1.85



18 Point No. 1807, Tint 36 inches \$1.85

36 Point No. 3601, Tint 24 inches \$2.40

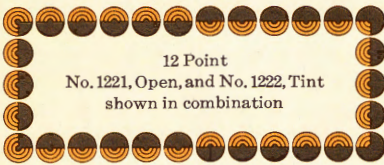
36 Point No. 3602, Open 24 inches \$2.40



DECORATIVE MATERIAL

AMERICAN BORDERS

ONE OR TWO COLORS



12 Point
No. 1221, Open, and No. 1222, Tint
shown in combination



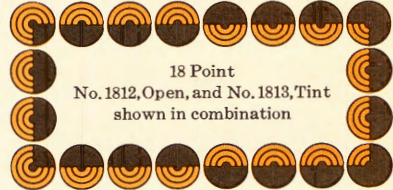
12 Point No. 1221, Open 54 inches \$2.25



12 Point No. 1222, Tint 54 inches \$2.25



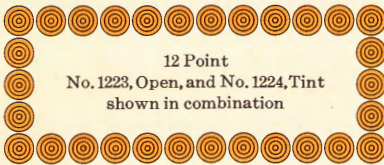
18 Point No. 1812, Open 36 inches \$1.85



18 Point
No. 1812, Open, and No. 1813, Tint
shown in combination



18 Point No. 1813, Tint 36 inches \$1.85



12 Point
No. 1223, Open, and No. 1224, Tint
shown in combination



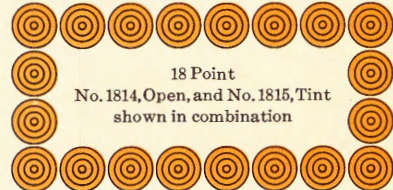
12 Point No. 1223, Open 54 inches \$2.25



12 Point No. 1224, Tint 54 inches \$2.25



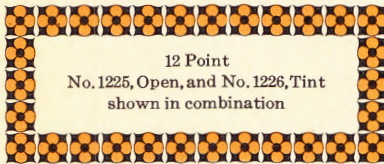
18 Point No. 1814, Open 36 inches \$1.85



18 Point
No. 1814, Open, and No. 1815, Tint
shown in combination



18 Point No. 1815, Tint 36 inches \$1.85



12 Point
No. 1225, Open, and No. 1226, Tint
shown in combination



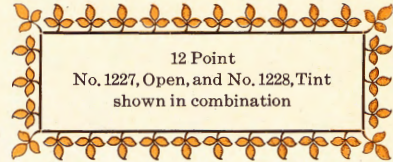
12 Point No. 1225, Open 54 inches \$2.25



12 Point No. 1226, Tint 54 inches \$2.25



12 Point No. 1227, Open 54 inches \$2.25



12 Point
No. 1227, Open, and No. 1228, Tint
shown in combination

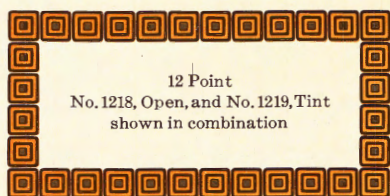


12 Point No. 1228, Tint 54 inches \$2.25

DECORATIVE MATERIAL

AMERICAN BORDERS

ONE OR TWO COLORS



12 Point No. 1218, Open 54 inches \$2.25



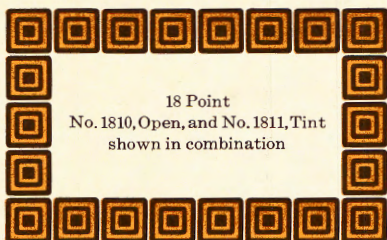
12 Point No. 1219, Tint 54 inches \$2.25



18 Point No. 1810, Open 36 inches \$1.85



18 Point No. 1811, Tint 36 inches \$1.85



18 Point
No. 1810, Open, and No. 1811, Tint
shown in combination

This is a very ingenious border design. Two colors can be printed from one character. For printing the first color the character is set nick up as usual. For the second color the character is turned once around, the nick to either side, as here shown.



12 Point No. 1220 54 inches \$2.25



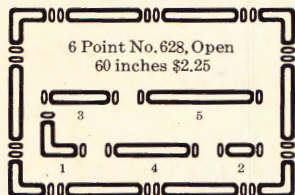
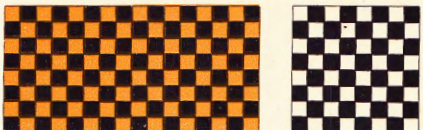
24 Point No. 2406 36 inches \$2.40



36 Point No. 3603 24 inches \$2.40



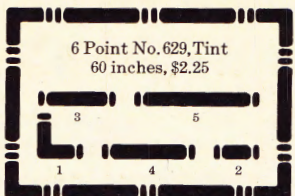
48 Point No. 4801 18 inches \$2.25



6 Point No. 628, Open
60 inches \$2.25



6 Point No. 628, Open
and 6 Point No. 629, Tint
shown in combination

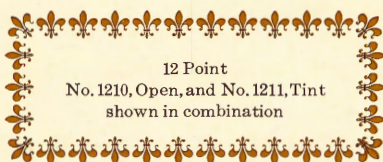


6 Point No. 629, Tint
60 inches, \$2.25

DECORATIVE MATERIAL

AMERICAN BORDERS

ONE OR TWO COLORS



12 Point
No. 1210, Open, and No. 1211, Tint
shown in combination



12 Point No. 1210, Open 54 inches \$2.25



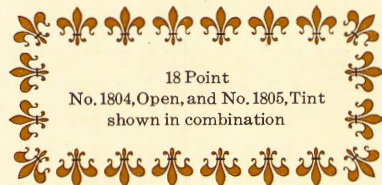
12 Point No. 1211, Tint 54 inches \$2.25



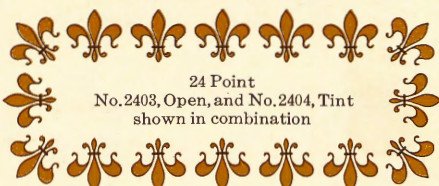
18 Point No. 1804, Open 36 inches \$1.85



18 Point No. 1805, Tint 36 inches \$1.85



18 Point
No. 1804, Open, and No. 1805, Tint
shown in combination



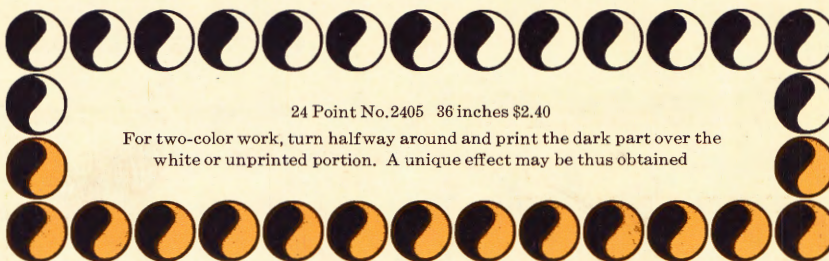
24 Point
No. 2403, Open, and No. 2404, Tint
shown in combination



24 Point No. 2403, Open 36 inches \$2.40



24 Point No. 2404, Tint 36 inches \$2.40



24 Point No. 2405 36 inches \$2.40

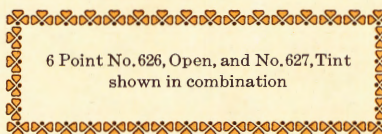
For two-color work, turn half way around and print the dark part over the white or unprinted portion. A unique effect may be thus obtained



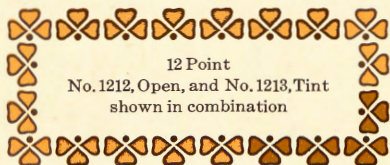
6 Point No. 626, Open 60 inches \$2.25



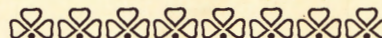
6 Point No. 627, Tint 60 inches \$2.25



6 Point No. 626, Open, and No. 627, Tint
shown in combination



12 Point
No. 1212, Open, and No. 1213, Tint
shown in combination



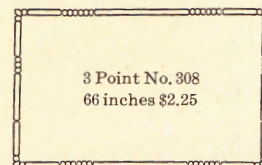
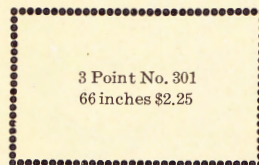
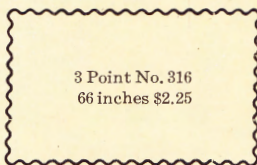
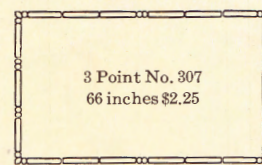
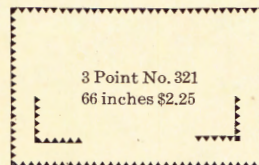
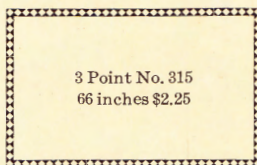
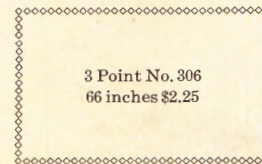
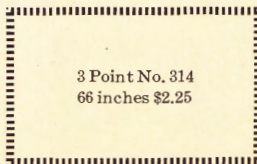
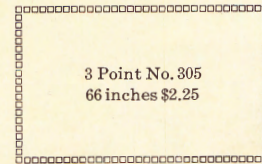
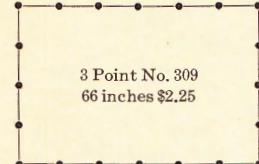
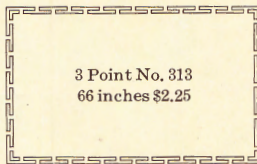
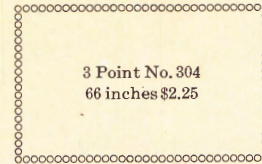
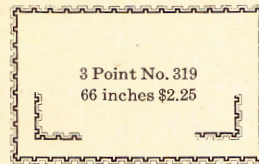
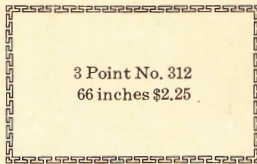
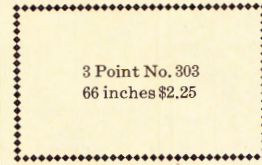
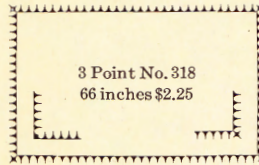
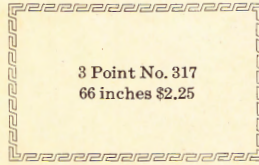
12 Point No. 1212, Open 54 inches \$2.25



12 Point No. 1213, Tint 54 inches \$2.25

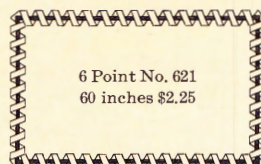
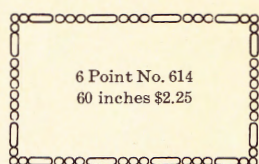
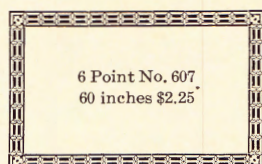
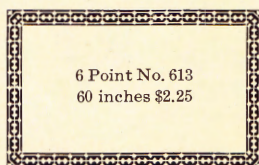
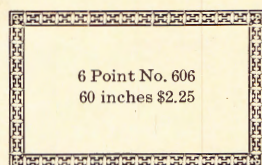
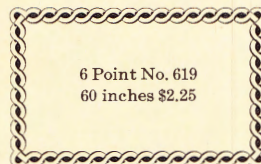
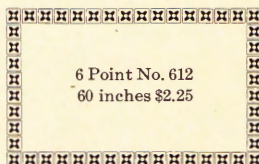
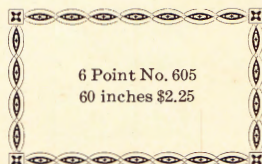
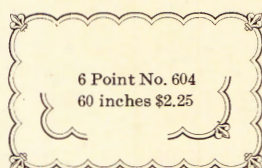
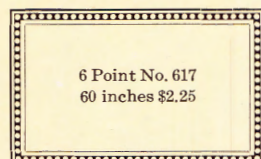
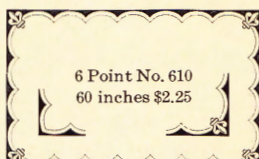
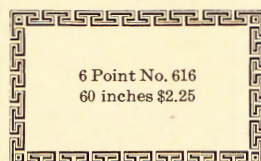
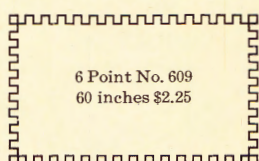
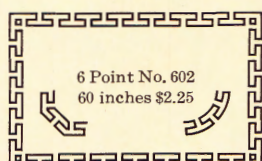
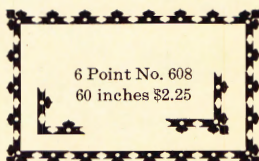
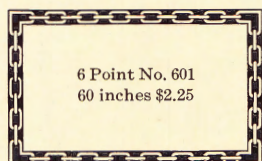
DECORATIVE MATERIAL

AMERICAN BORDERS



DECORATIVE MATERIAL

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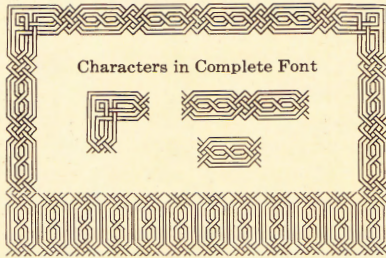


DECORATIVE MATERIAL

AMERICAN BORDERS

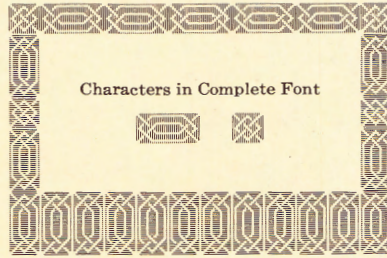
12 Point No. 1206

54 inches \$2.25



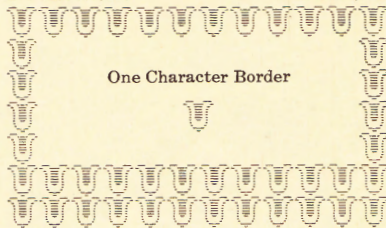
12 Point No. 1205

54 inches \$2.25



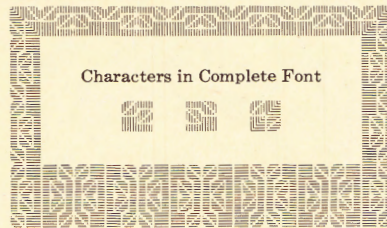
12 Point No. 1207

54 inches \$2.25



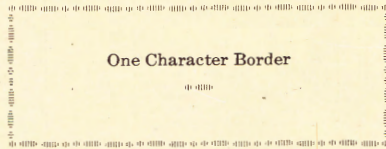
12 Point No. 1204

54 inches \$2.25



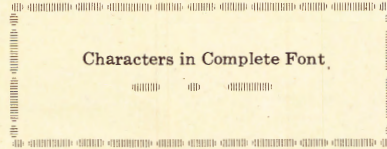
3 Point No. 322

66 inches \$2.25



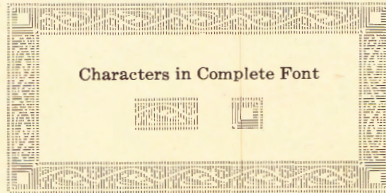
3 Point No. 323

66 inches \$2.25



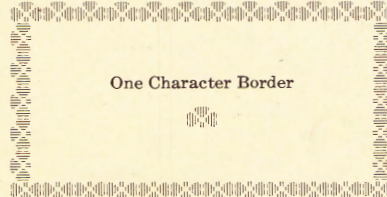
12 Point No. 1203

54 inches \$2.25



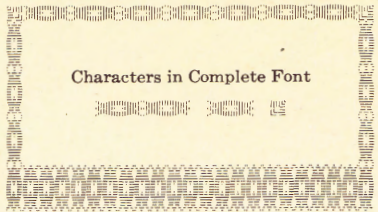
8 Point No. 801

54 inches \$1.95



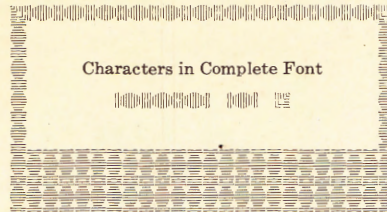
6 Point No. 622

60 inches \$2.25



6 Point No. 623

60 inches \$2.25

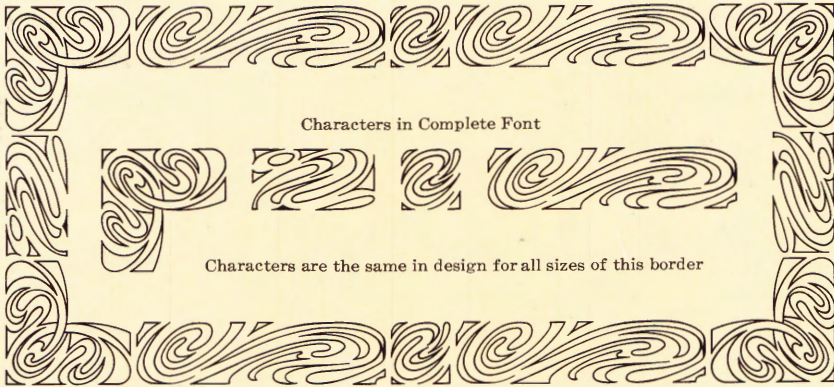


DECORATIVE MATERIAL

AMERICAN BORDERS

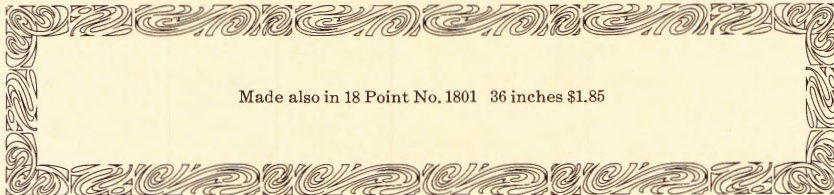
24 Point No. 2401

36 inches \$2.40



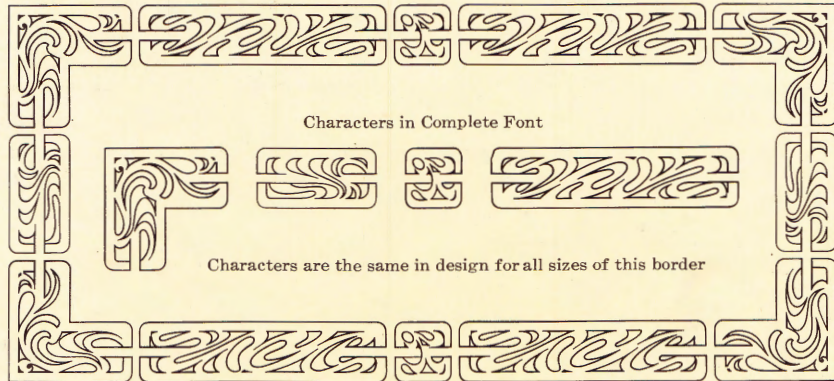
12 Point No. 1201

54 inches \$2.25



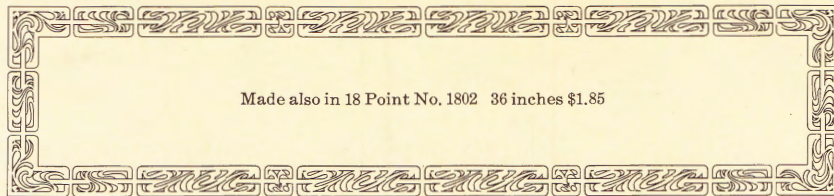
24 Point No. 2402

36 inches \$2.40



12 Point No. 1202

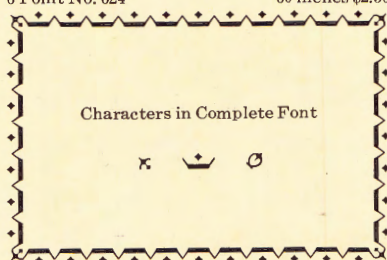
54 inches \$2.25



DECORATIVE MATERIAL

AMERICAN BORDERS

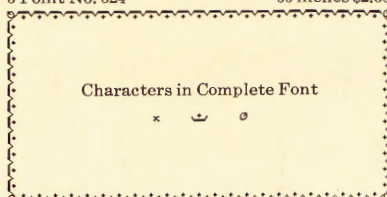
6 Point No. 624 60 inches \$2.50



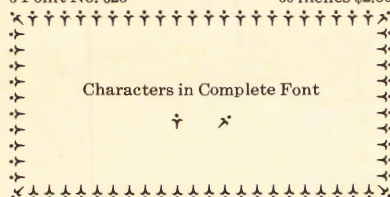
12 Point No. 1209 54 inches \$2.25



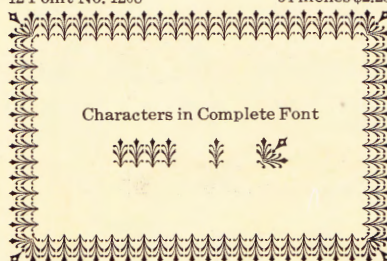
3 Point No. 324 66 inches \$2.50



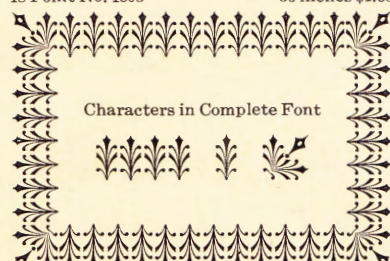
6 Point No. 625 60 inches \$2.50



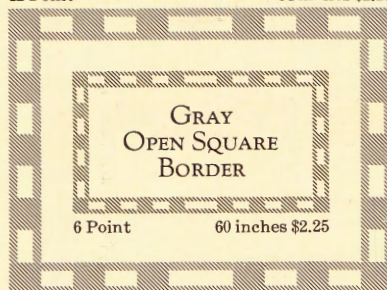
12 Point No. 1208 54 inches \$2.25



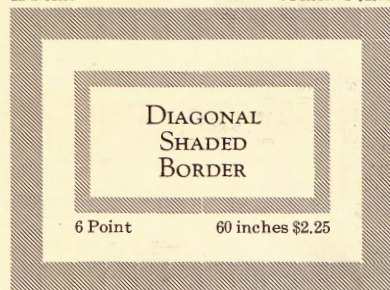
18 Point No. 1803 36 inches \$1.85



12 Point 54 inches \$2.25

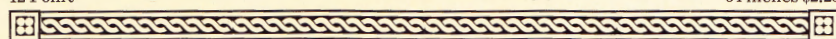


12 Point 54 inches \$2.25



TWELVE POINT BORDER

12 Point 54 inches \$2.25



DECORATIVE MATERIAL

SPARTAN BORDERS

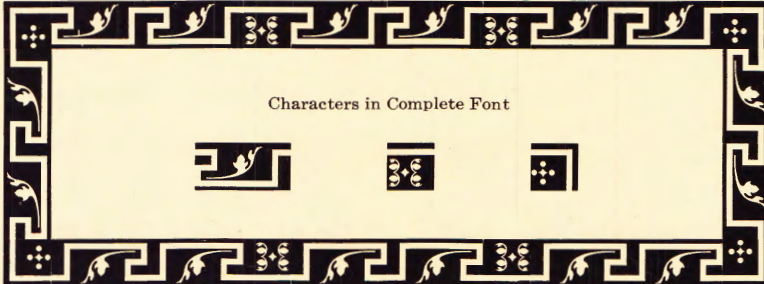
24 Point No. 2402

42 inches \$3.50



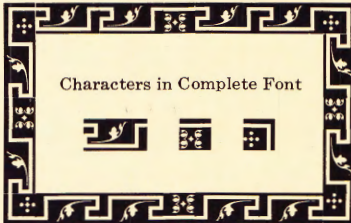
18 Point No. 1802

48 inches \$3.00



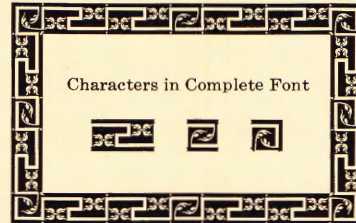
12 Point No. 1202

60 inches \$3.00



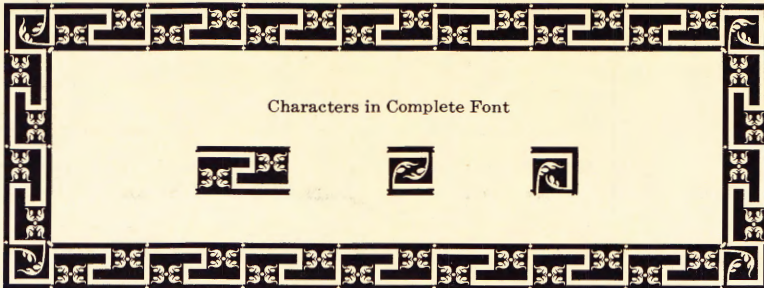
12 Point No. 1203

60 inches \$3.00



18 Point No. 1803

48 inches \$3.00



DECORATIVE MATERIAL

SPARTAN BORDERS

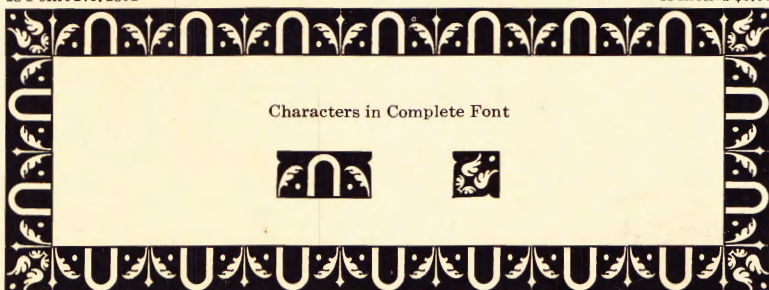
24 Point No. 2401

42 inches \$3.50



18 Point No. 1801

48 inches \$3.00



12 Point No. 1201

60 inches \$3.00



24 Point No. 2403

42 inches \$3.50



DECORATIVE MATERIAL

PARAMOUNT BORDERS

18 Point No. 1801

48 inches \$3.00



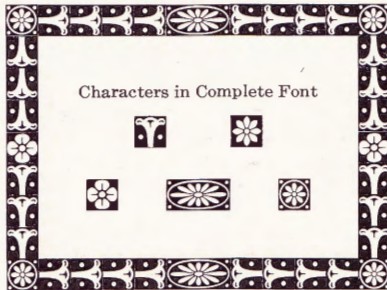
18 Point No. 1802

48 inches \$3.00



12 Point No. 1201

60 inches \$3.00



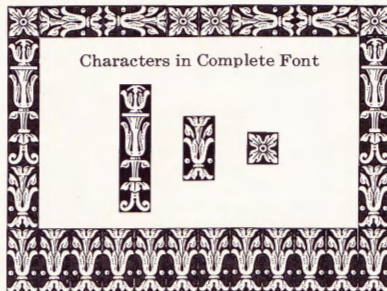
12 Point No. 1202

60 inches \$3.00



12 Point No. 1203

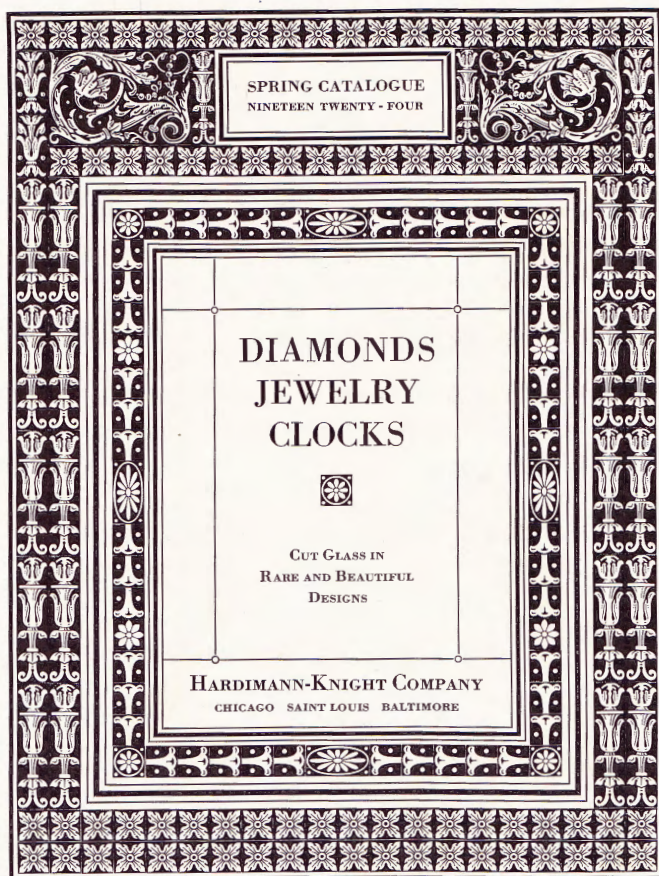
60 inches \$3.00



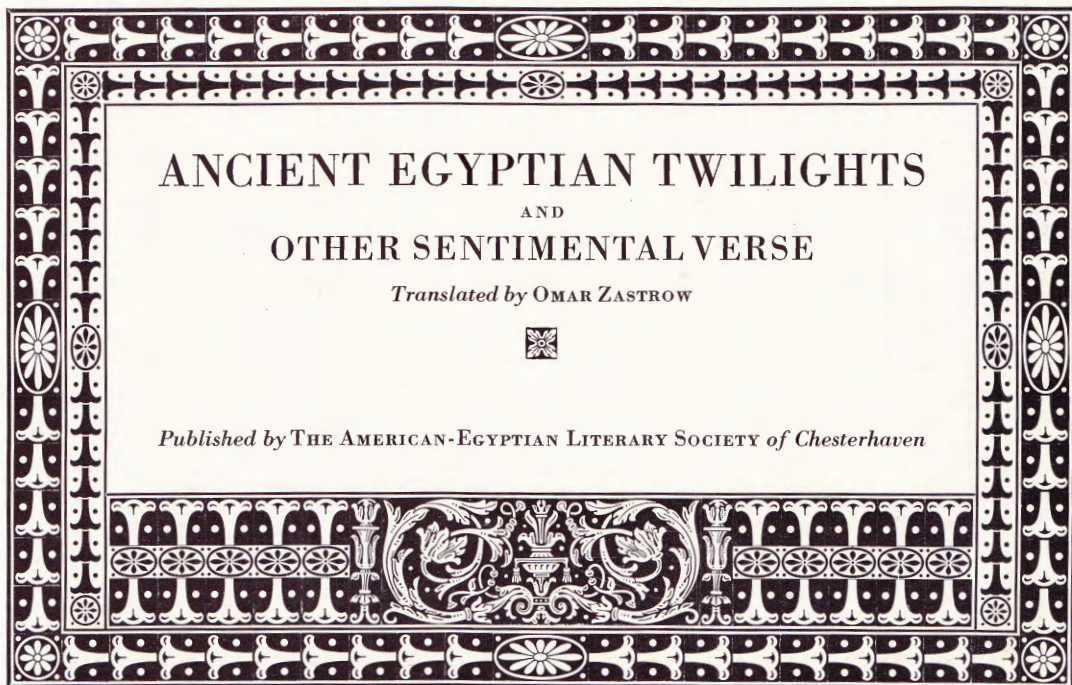
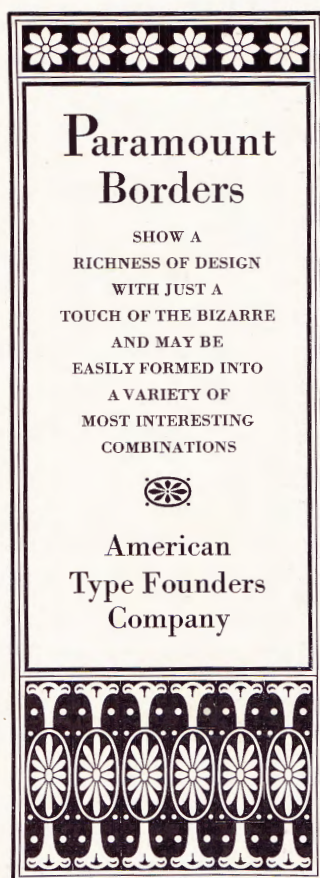
12 Point No. 1204

60 inches \$3.00





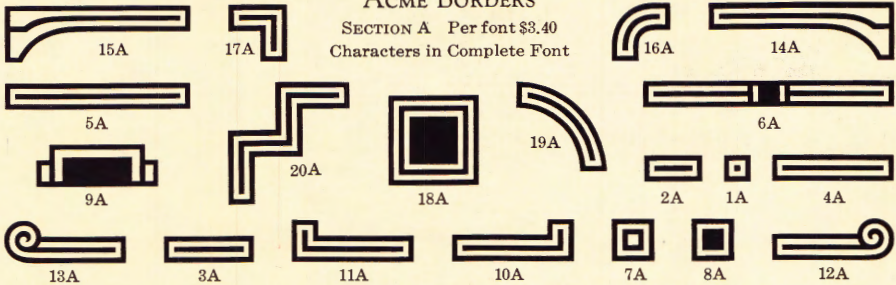
JAJUSH ORNAMENTS



DECORATIVE MATERIAL

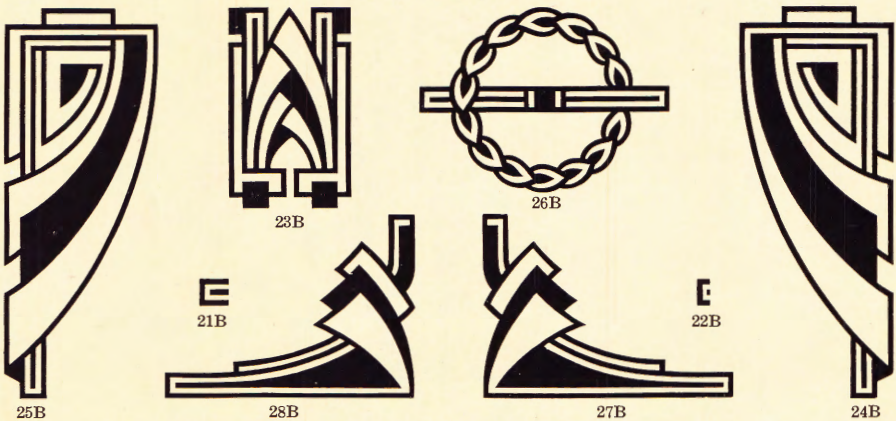
ACME BORDERS

SECTION A Per font \$3.40
Characters in Complete Font



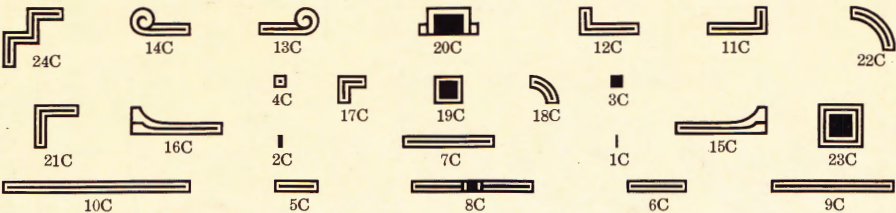
Font contains two each of characters 9A, 10A, 11A, 12A, 13A, 14A, 15A and 18A; four each 6A, 7A, 8A, 16A, 17A, 19A and 20A; ten of 1A; fourteen each 3A, 4A and 5A; fifteen of 2A

SECTION B Per font \$2.90
Characters in Complete Font



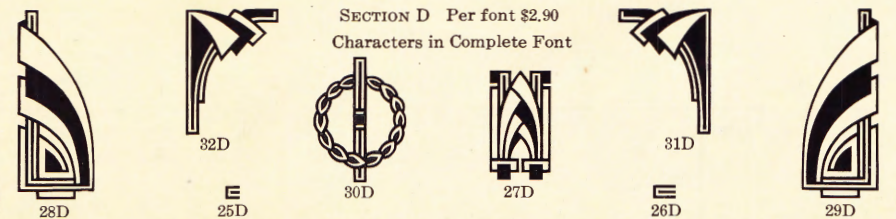
Font contains one each of characters 24B, 25B, 27B and 28B; two each 23B and 26B; forty-two each 21B and 22B

SECTION C Per font \$3.50
Characters in Complete Font



Font contains four each of characters 11C, 12C, 13C, 14C, 15C, 16C, 20C, 22C, 23C and 24C; six of 8C; eight each 17C, 18C, 19C and 21C; twelve of 1C; sixteen each 2C, 3C, 5C, 6C, 7C, 9C and 10C; twenty of 4C

SECTION D Per font \$2.90
Characters in Complete Font



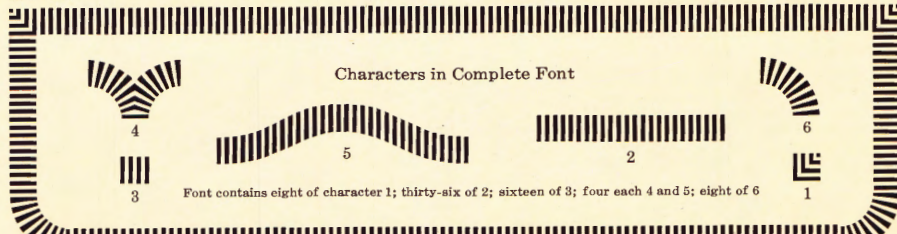
Font contains forty-eight each of 25D and 26D; six of 27D; four each 30D, 31D and 32D; three each 28D and 29D

DECORATIVE MATERIAL

LINEAR BORDERS

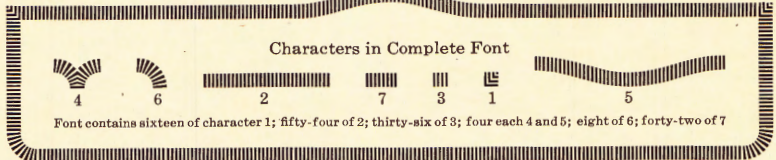
12 Point

54 inches \$2.25



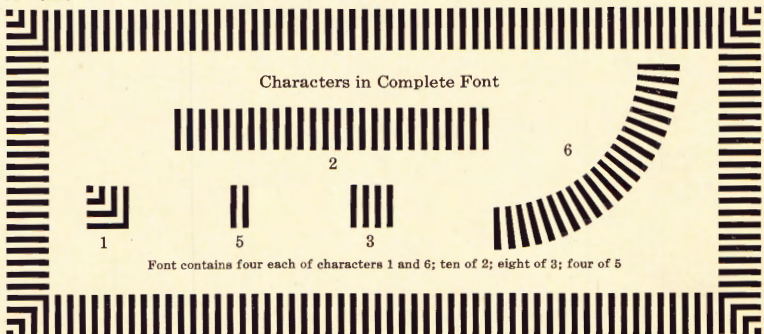
6 Point

60 inches \$2.25



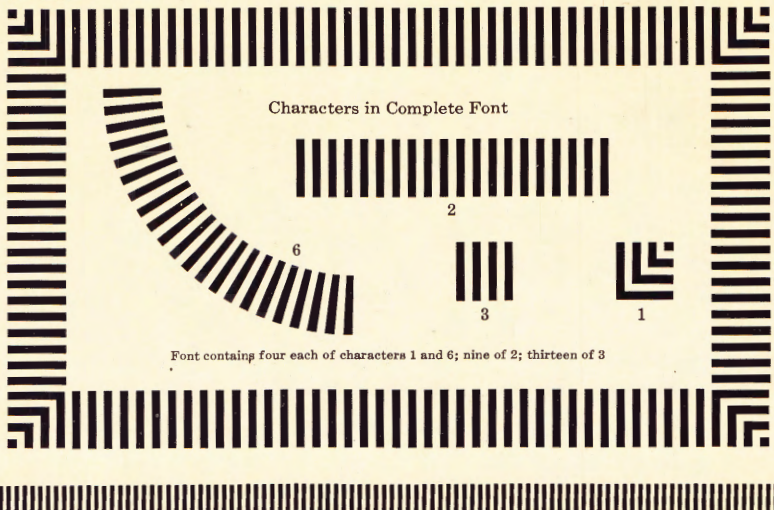
18 Point

36 inches \$1.85

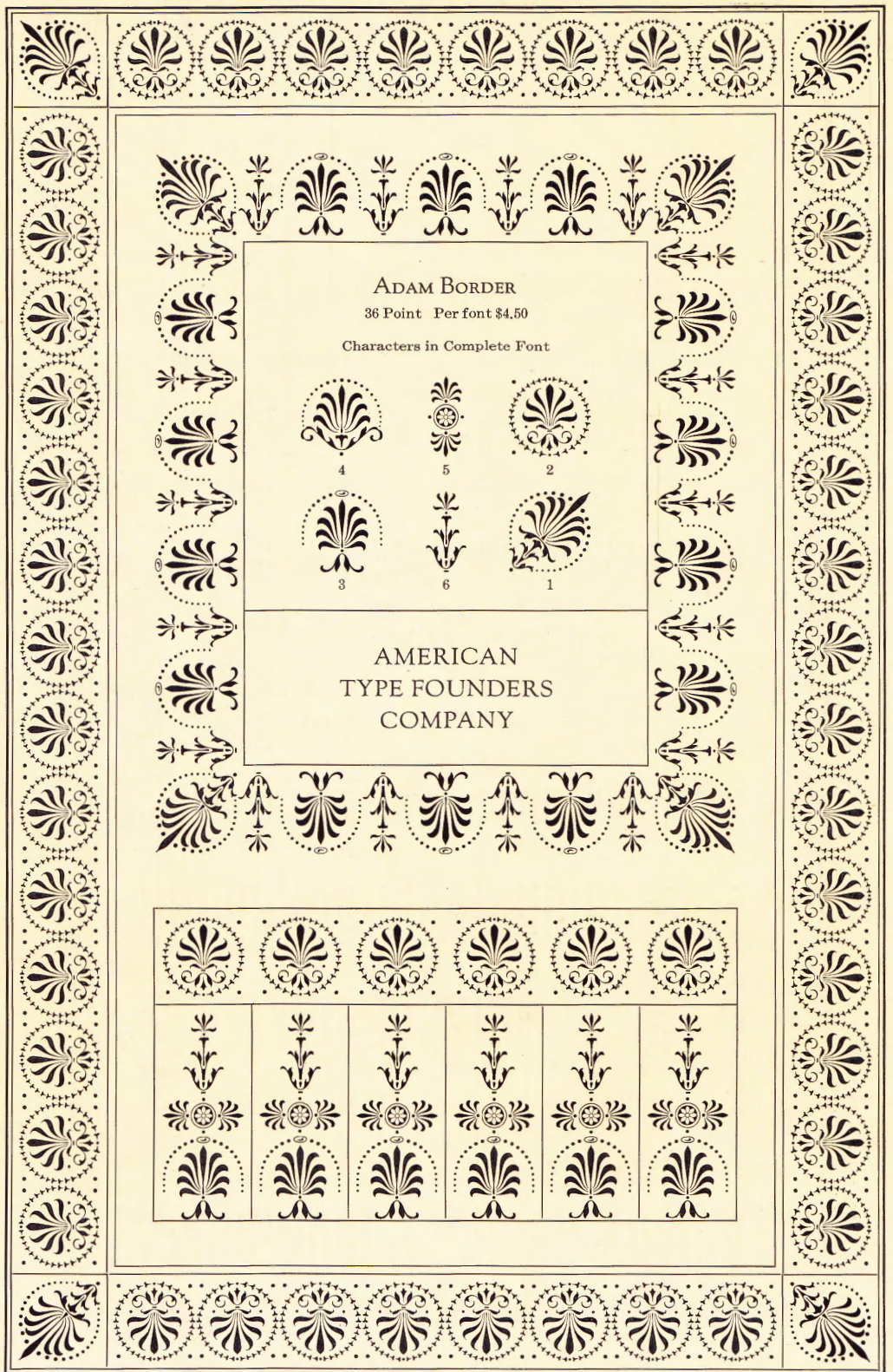


24 Point

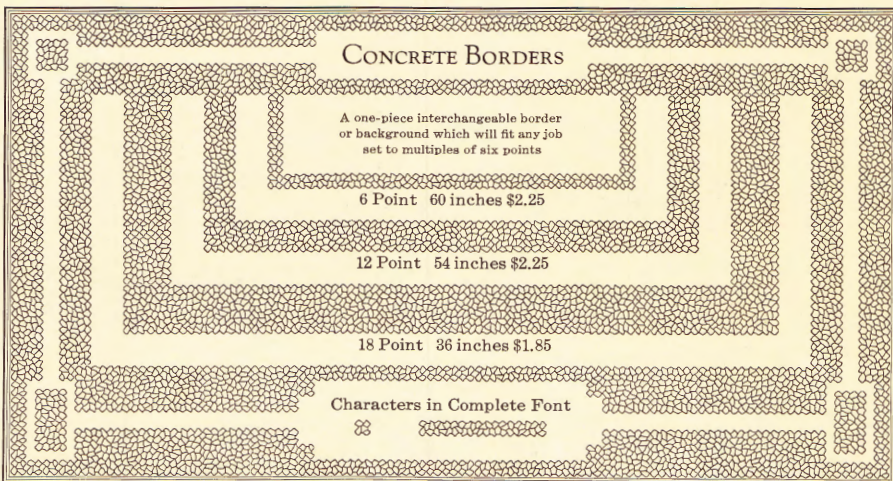
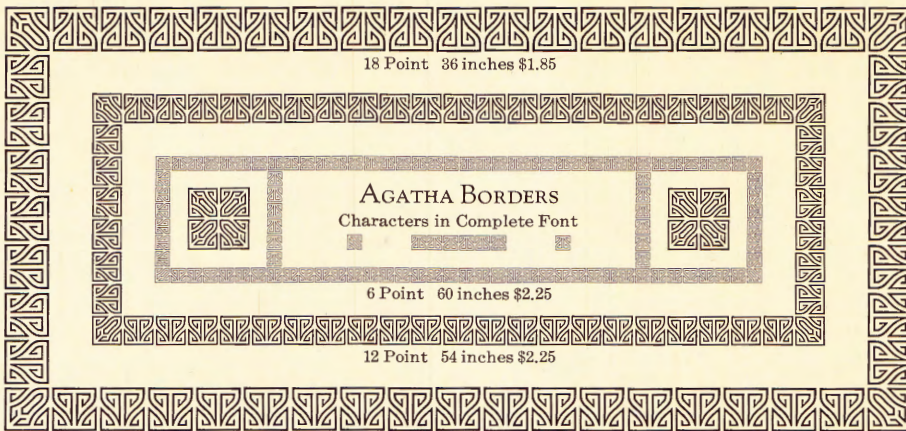
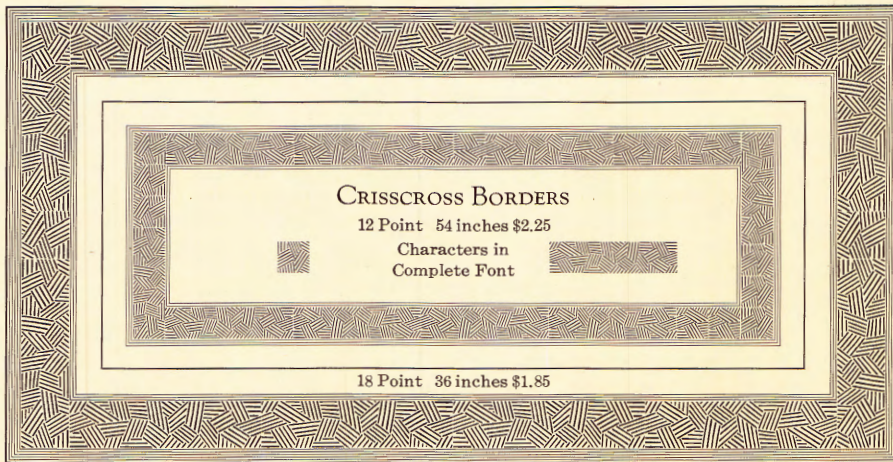
36 inches \$2.40



DECORATIVE MATERIAL



DECORATIVE MATERIAL



DECORATIVE MATERIAL

24 Point

6A \$3.50

BEACON

ENSURES

PROFITS

BORDERS

18 Point

10A \$2.90

CREATE

DEMAND

BEACON BORDERS

24 Point. Font contains Caps, &, and 30 each thick and thin spacing blanks
Extra blanks, large size, font of 36 inches \$2.40

18 Point. Font contains Caps, &, and 28 thin and 30 thick spacing blanks
Extra blanks, large size, font of 36 inches \$1.85

CHIC DECORATORS, SERIES 1
Per font \$3.20

CHIC DECORATORS, SERIES 2
Per font \$3.20

10

20

5

4

15

14

3

6

13

16

1

9

2

12

19

11

7

17

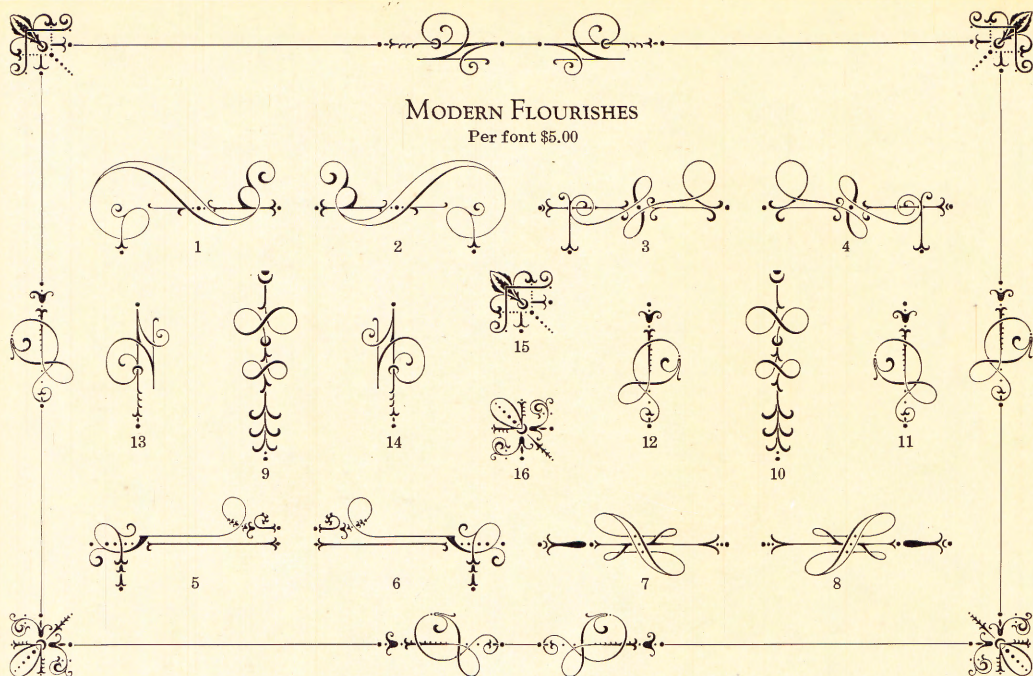
8

18

DECORATIVE MATERIAL

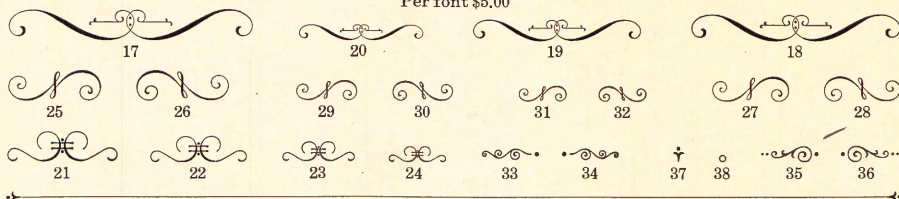
MODERN FLOURISHES

Per font \$5.00



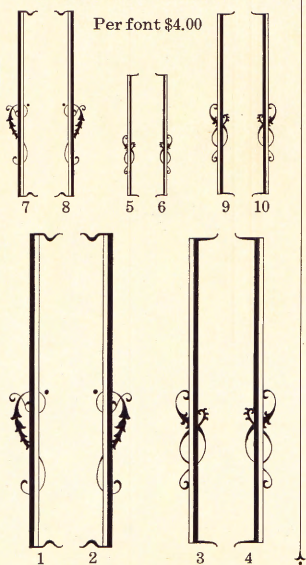
MODERN FLOURISHES No. 2

Per font \$5.00



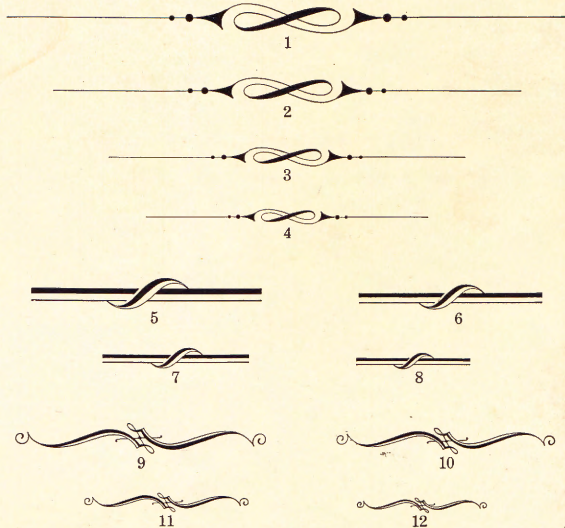
MODERN BRACKETS

Per font \$4.00



MODERN DASHES

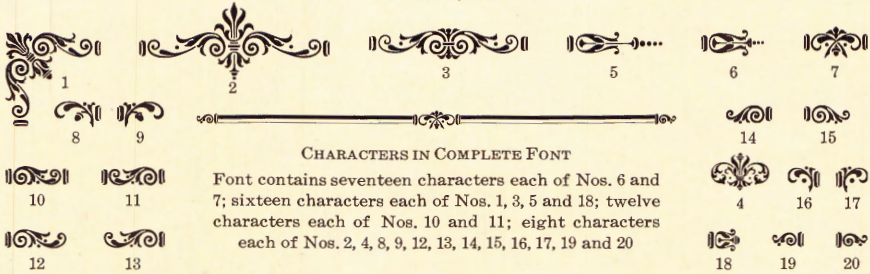
Per font \$4.00



DECORATIVE MATERIAL

JAQUISH BRASS RULE ORNAMENTS, SERIES 1

Per font \$6.00

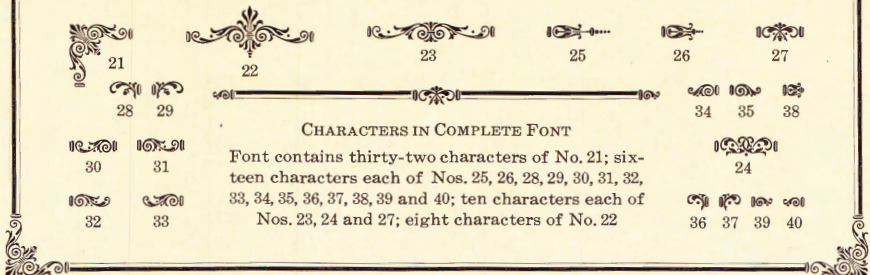


CHARACTERS IN COMPLETE FONT

Font contains seventeen characters each of Nos. 6 and 7; sixteen characters each of Nos. 1, 3, 5 and 18; twelve characters each of Nos. 10 and 11; eight characters each of Nos. 2, 4, 8, 9, 12, 13, 14, 15, 16, 17, 19 and 20

JAQUISH BRASS RULE ORNAMENTS, SERIES 2

Per font \$5.25



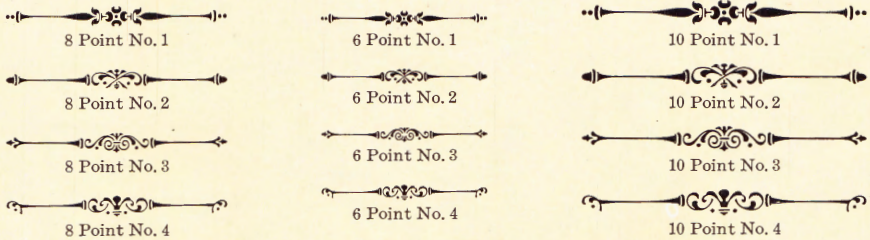
CHARACTERS IN COMPLETE FONT

Font contains thirty-two characters of No. 21; sixteen characters each of Nos. 25, 26, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39 and 40; ten characters each of Nos. 23, 24 and 27; eight characters of No. 22

JAQUISH ORNAMENTAL DASHES

Per font \$7.50

Price per dozen any one character, 6 point 75c; 8 point \$1.00; 10 point \$1.25



Font contains eight of each character on 6, 8 and 10 point bodies

JAQUISH ORNAMENTAL BRACKETS

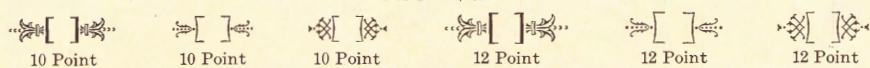
Per font \$2.00



Font contains sixteen of each character on 8, 10, 12, 14 and 18 point bodies

ORNAMENTAL BRACKETS No. 2

Per font \$2.00

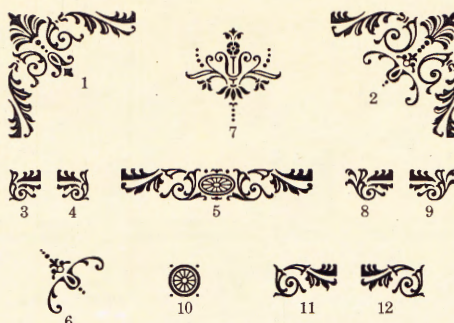


Font contains sixteen of each character as shown

DECORATIVE MATERIAL

JAQUISH BRASS RULE ORNAMENTS, SERIES 3

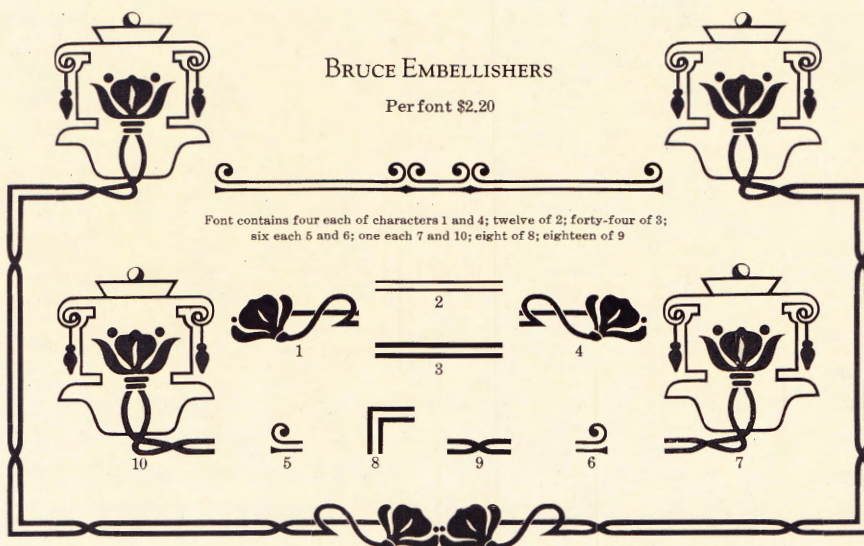
Per font \$4.25



Font contains four each of characters 1, 2 and 7; eight each of 5 and 6;
sixteen each of 3, 4, 8, 9, 10, 11 and 12

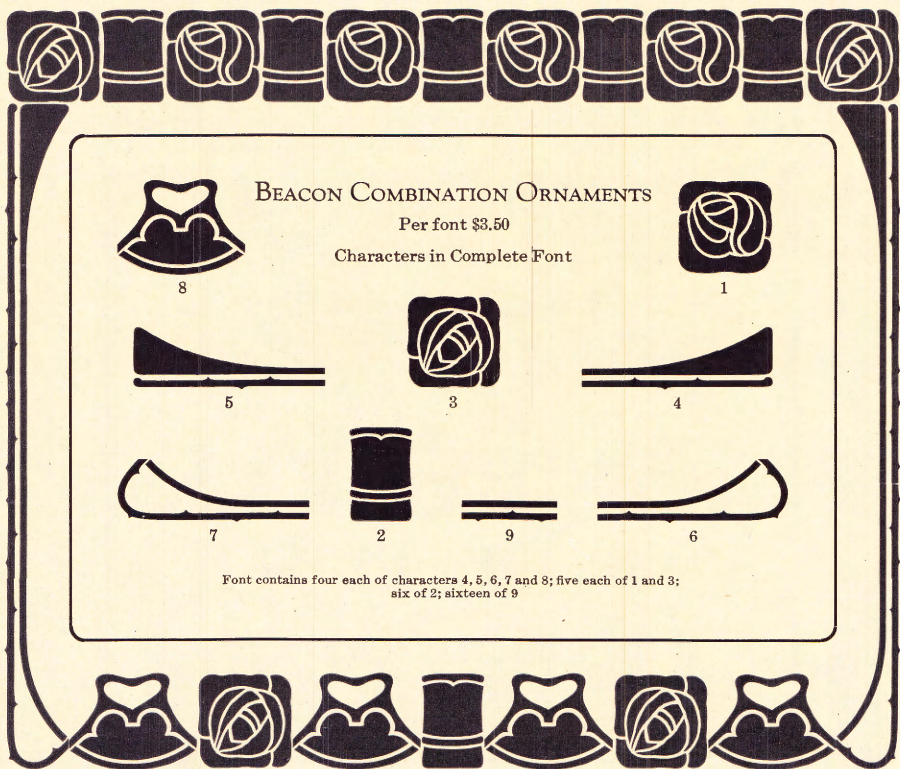
BRUCE EMBELLISHERS

Per font \$2.20



Font contains four each of characters 1 and 4; twelve of 2; forty-four of 3;
six each 5 and 6; one each 7 and 10; eight of 8; eighteen of 9

DECORATIVE MATERIAL



BEACON COMBINATION ORNAMENTS

Per font \$3.50

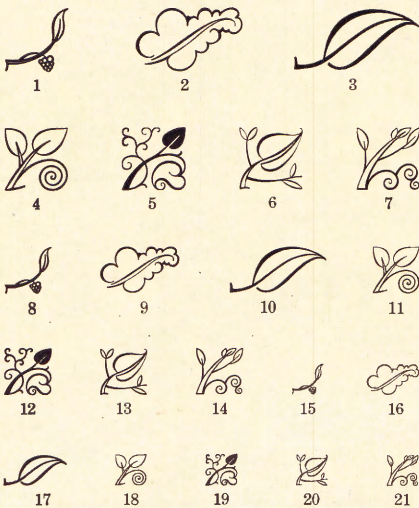
Characters in Complete Font

Font contains four each of characters 4, 5, 6, 7 and 8; five each of 1 and 3; six of 2; sixteen of 9

BRADLEY PARAGRAPH TERMINALS

Cast on 12, 18 and 24 Point bodies

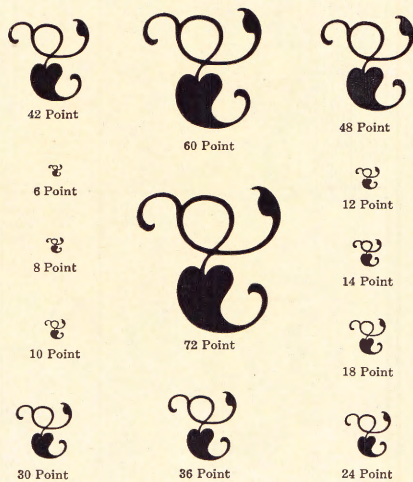
Per font \$3.00



Font contains four of each character

GOUDY PARAGRAPH TERMINALS

Per font \$2.00



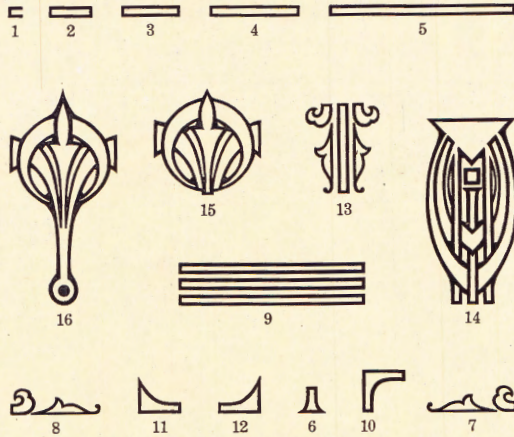
Font contains twenty-three of the 6 point character; sixteen of 8 point; fourteen of 10 point; nine of 12 point; eight of 14 point; six of 18 point; three each of 24 and 30 point; two each of 36, 42, 48, 60 and 72 point

DECORATIVE MATERIAL

SCHUIL ORNAMENTS

This distinctive series of ornaments is adapted to every size of page and to all classes of large and small forms of advertising. Many attractive designs are very easily made

Characters in Complete Font



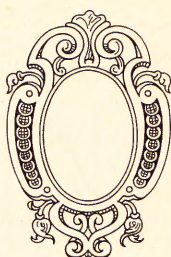
Per font \$4.85

Font contains sixteen each of characters 1, 2 and 3; twenty of 4; twenty-four of 5; seven of 6; twelve of 9; eight of 10; four each 7, 8, 11, 12, 13, 14, 15 and 16

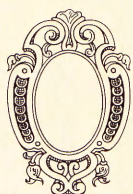
A special six point brass rule is made to work with Schuil Ornaments and is used for long panels in connection with character No. 1 for end pieces. It is put up in regular labor-saving fonts and sold in strips at 40c per foot

DECORATIVE MATERIAL

ANTIQUE ORNAMENTS



9601 (Mortised) 80c



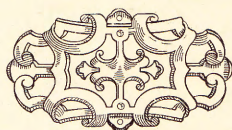
7201 (Mortised) 65c



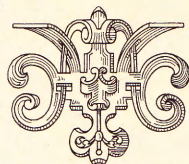
4801 (Mortised) 50c



6001 (Mortised) 60c



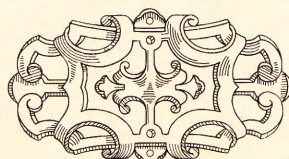
4803—55c



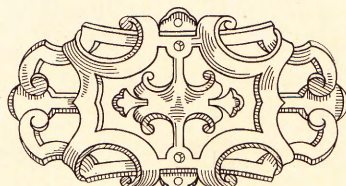
6004—55c



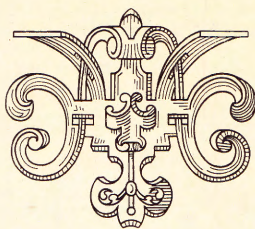
3603—50c



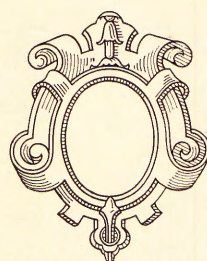
6003—70c



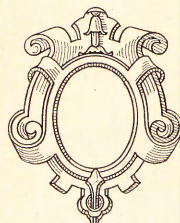
7203—90c



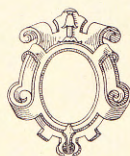
8404—75c



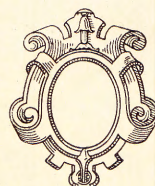
9602 (Mortised) 85c



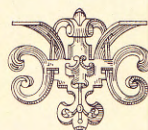
8402 (Mortised) 75c



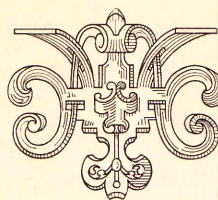
6002 (Mortised) 60c



7202 (Mortised) 65c



4804—50c



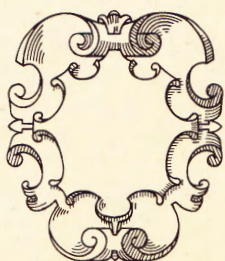
7204—65c

Antique Ornaments

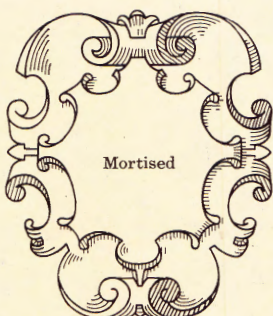
are cast in type molds to point body and may be successfully used on either rough finished or coated stock. Many of the characters are so designed that they can be turned either side up with propriety

DECORATIVE MATERIAL

ANTIQUE ORNAMENTS

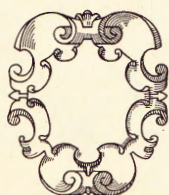


9605 (Mortised) 85c

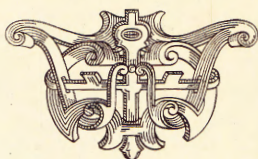


Mortised

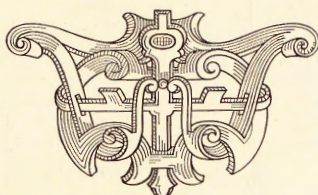
12005—\$1.15



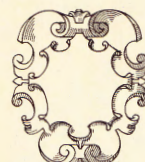
7205 (Mortised) 75c



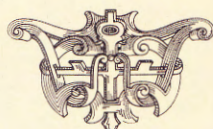
6006—65c



7206—75c



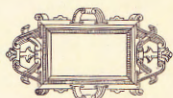
6005 (Mortised) 65c



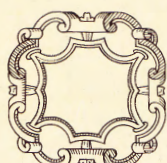
4806—55c



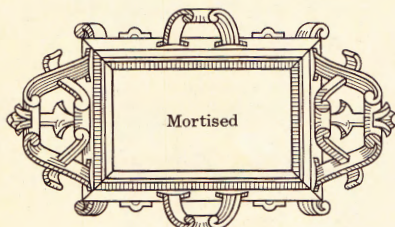
3606—45c



3607 (Mortised) 60c

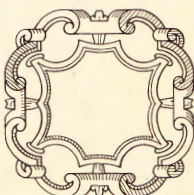


6008 (Mortised) 65c

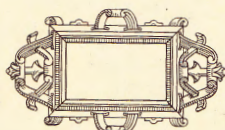


Mortised

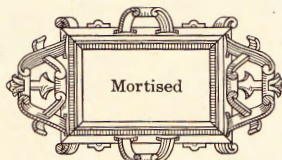
8407—\$1.10



7208 (Mortised) 75c

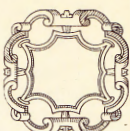


4807 (Mortised) 65c

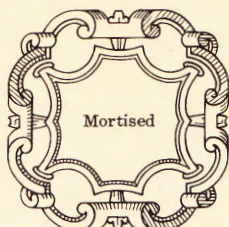


Mortised

6007—80c

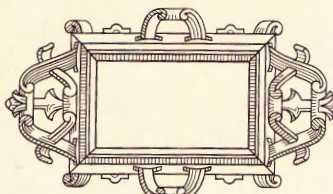


4808 (Mortised) 55c



Mortised

8408—80c

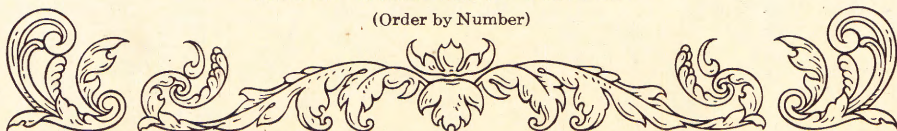


7207 (Mortised) \$1.00

DECORATIVE MATERIAL

CLELAND COMBINATION ORNAMENTS

(Order by Number)



5-45c

1-75c

6-45c



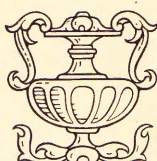
18-55c



2-70c



19-55c



9-55c



3-90c



10-55c



11
2 for 50c



4-95c



12
2 for 50c



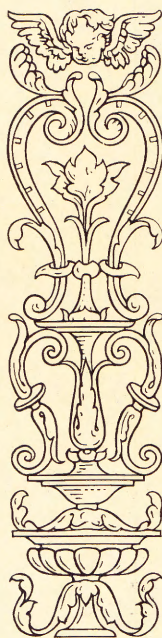
13-65c



14-65c



7-50c



15-\$1.00



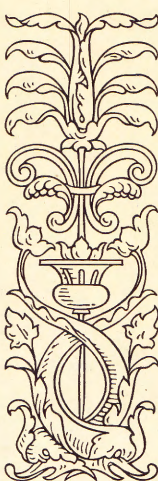
8-50c



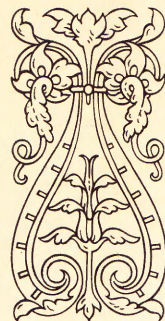
22-45c



20-45c



16-90c



17-70c



2
for
45c

21

Cleland
Combination
Ornaments
Make Good
Borders
and Bands

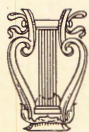
Cast in
Type Molds
and Cut
Extra Deep

DECORATIVE MATERIAL

CLELAND ORNAMENTS



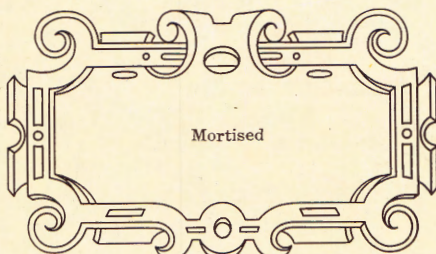
9613—\$1.05



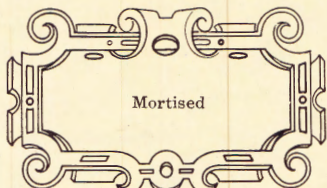
4810
2 for 55c



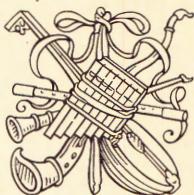
4809—70c



9612—\$1.25



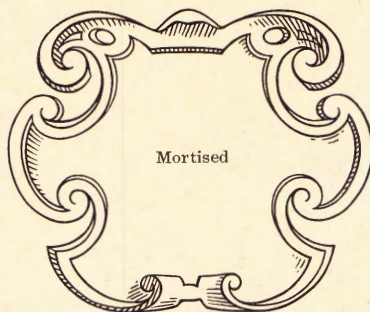
7207—\$1.00



7203—65c



7211—55c



12005—\$1.25



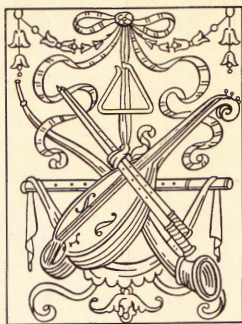
7201—\$1.00



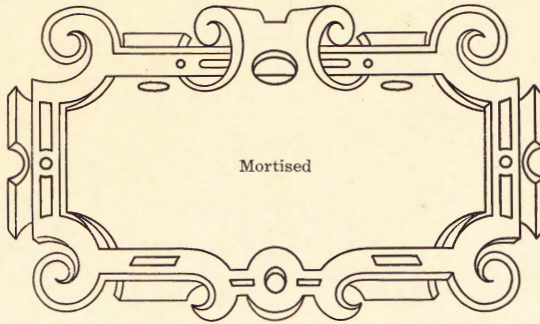
4818
2 for 55c



4806
2 for 55c



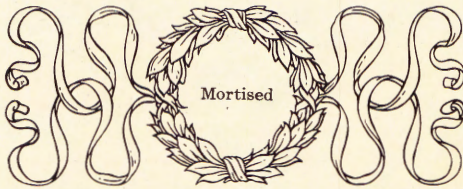
12002—95c



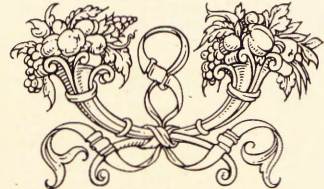
12004—\$1.75

DECORATIVE MATERIAL

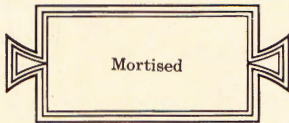
CLELAND ORNAMENTS



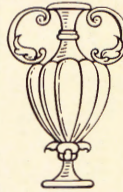
7214—\$1.10



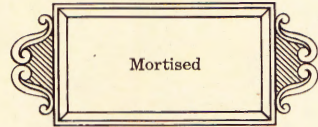
7215—75c



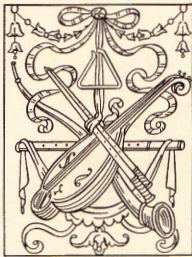
4820—75c



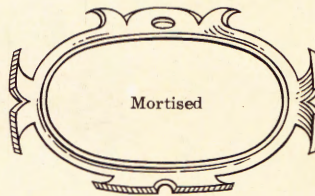
7228—55c



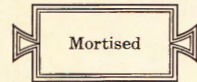
4821—75c



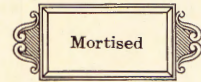
9629—70c



7224—85c



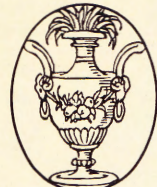
3022—60c



3023—60c



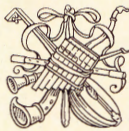
9616—\$1.55



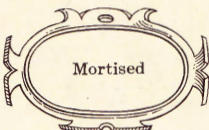
7227—55c



4817—55c



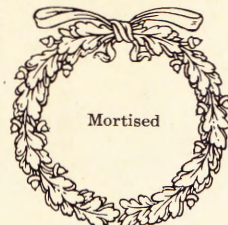
4826—45c



4825—65c



10818—\$1.05



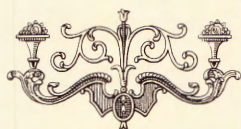
8419—85c

DECORATIVE MATERIAL

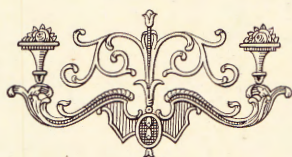
HAFTEL ORNAMENTS



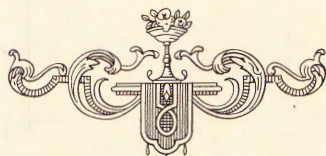
3603—50c



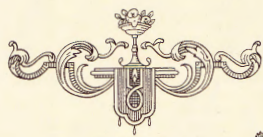
4803—55c



6003—70c



6002—75c



4802—55c



3602—50c



4806—45c



2408—3 for 55c



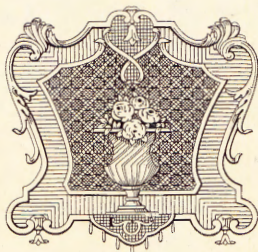
3606—45c



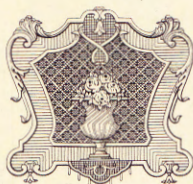
3008—45c



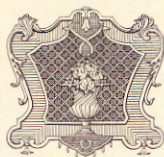
1808—3 for 50c



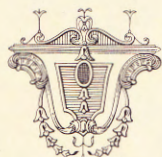
9601—80c



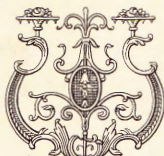
7201—65c



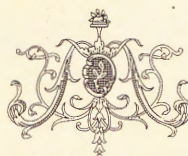
6001—55c



6006—55c



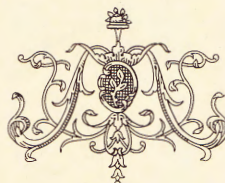
6009—55c



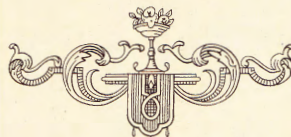
6004—55c



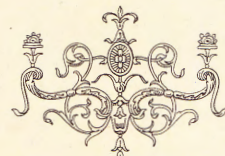
4804—50c



7204—65c



5402—70c



6005—65c



7207—55c



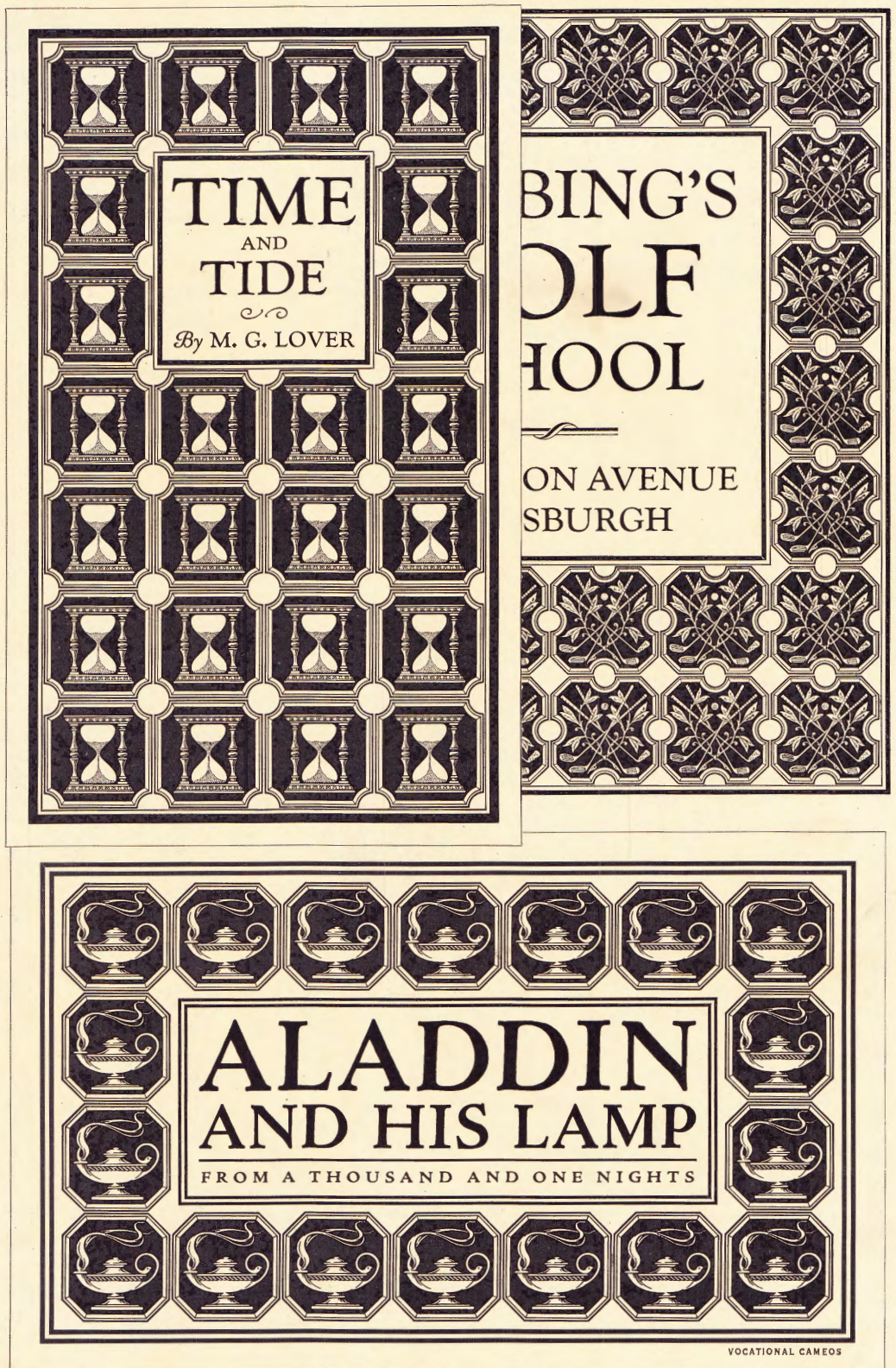
8407—65c



4809—45c

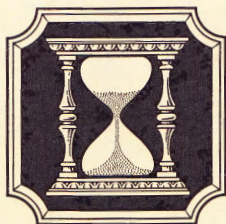


3609—40c

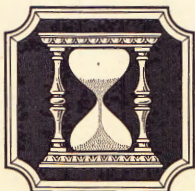


DECORATIVE MATERIAL

VOCATIONAL CAMEOS



8401-75c



7201-65c



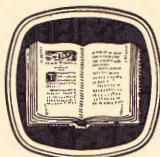
6001-55c



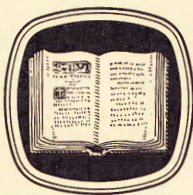
4801-45c



4802-45c



6002-55c



7202-65c



8402-75c



8403-75c



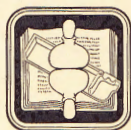
7203-65c



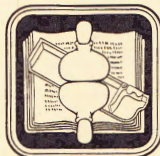
6003-55c



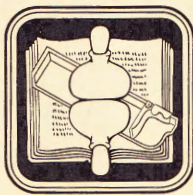
4803-45c



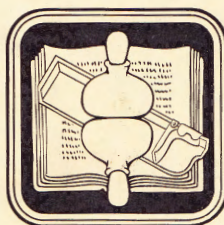
4804-45c



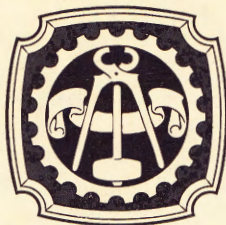
6004-55c



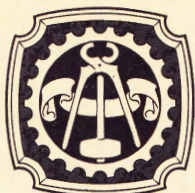
7204-65c



8404-75c



8405-75c



7205-65c



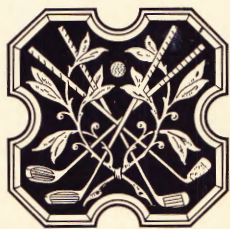
6005-55c



4805-45c

DECORATIVE MATERIAL

VOCATIONAL CAMEOS



8406-75c



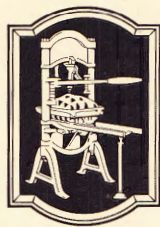
7206-65c



6006-55c



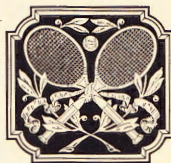
4806-45c



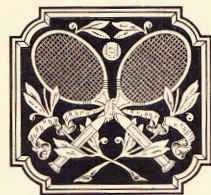
8408-65c



4807-45c



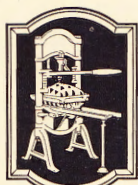
6007-55c



7207-65c



6008-50c



7208-55c



4808-40c



7209-55c



6009-50c



7210-55c



6010-50c



4811-45c



6011-50c



7211-55c



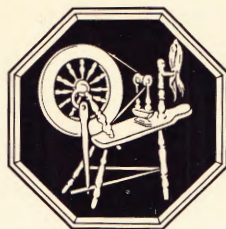
4812-45c



6012-55c



7212-65c



8412-75c

DECORATIVE MATERIAL

VOCATIONAL CAMEOS



8413-75c



7213-65c



6013-55c



4813-45c



6014-50c



4814-40c



4809-45c



4810-40c



4817-40c



6017-50c



7214-55c



7219-65c



7218-65c



7217-55c



4819-45c



6019-55c



6018-55c



4818-45c



7215-55c



4820-55c



4815-40c



6015-50c



3620-55c



6016-50c



4816-40c

DECORATIVE MATERIAL

CLOISTER ORNAMENTS



6059—50c



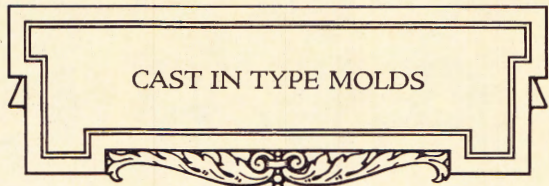
9641 (Mortised) \$1.40



8460—60c



3661—2 for 40c



7242 (Mortised) \$1.00



3643—2 for 40c



4862—40c



3663—2 for 40c



4844—40c



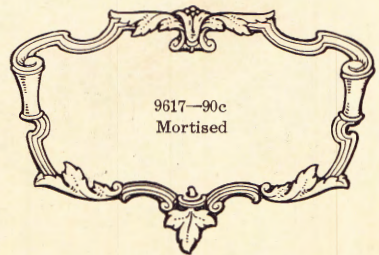
6045—45c



7246—50c



12018—\$1.10
Mortised



9617—90c
Mortised

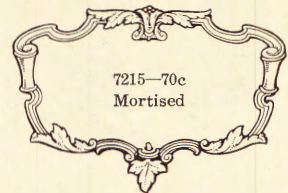
Cut
Extra
Deep



8416—80c
Mortised



14419 (Mortised) \$1.55

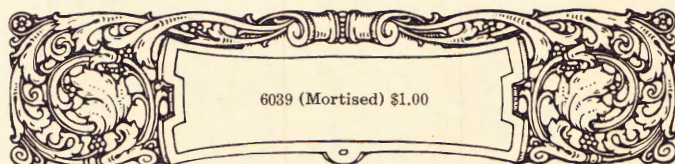


7215—70c
Mortised

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DECORATIVE MATERIAL

CLOISTER ORNAMENTS



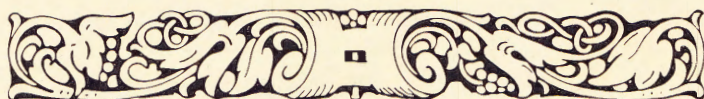
6039 (Mortised) \$1.00



4812—45c



7238 (Mortised) \$1.25



3620—70c



3613—35c



1822—40c



2421—45c



2403—55c



7214—60c



3001—60c



3623—55c



3628
2 for 45c



4827—35c



4824—75c



7226—50c

DECORATIVE MATERIAL

CLOISTER ORNAMENTS



4830—65c



3629—50c



3675
2 for 40c



7231—\$1.00



4874—35c



3632—70c



7273—50c



4870—35c



2433—45c



2472
4 for 35c



3671
2 for 40c



6069—45c



7248—60c



7204—50c



4808—35c



5405—45c



3609
2 for 40c



3667
2 for 40c



12068—85c



4866—35c



7265—50c



12064—85c

DECORATIVE MATERIAL

CLOISTER ORNAMENTS



6025—90c



4840
3 for 45c



12076—55c



9607—\$1.00



7237—40c



3656
2 for 40c



10806 (Mortised) 70c



7234—70c



3635
3 for 40c



2455
4 for 35c



9651—65c



6058—45c



4857—35c



14453—\$1.00



12052—85c



8450—55c

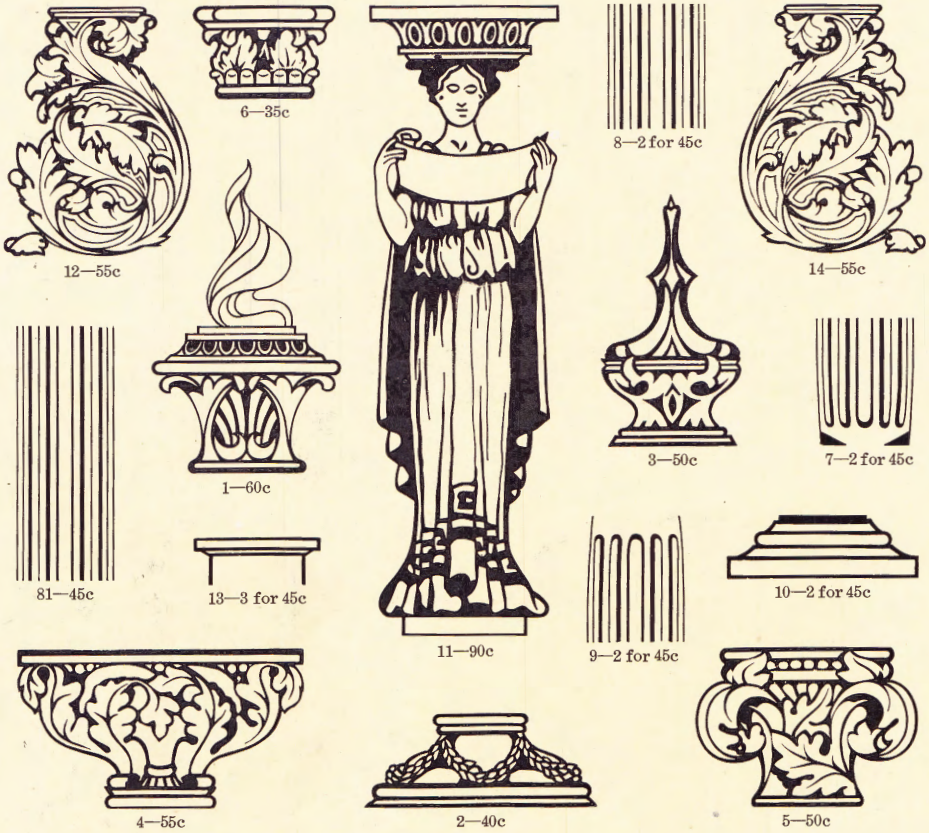


7249—50c

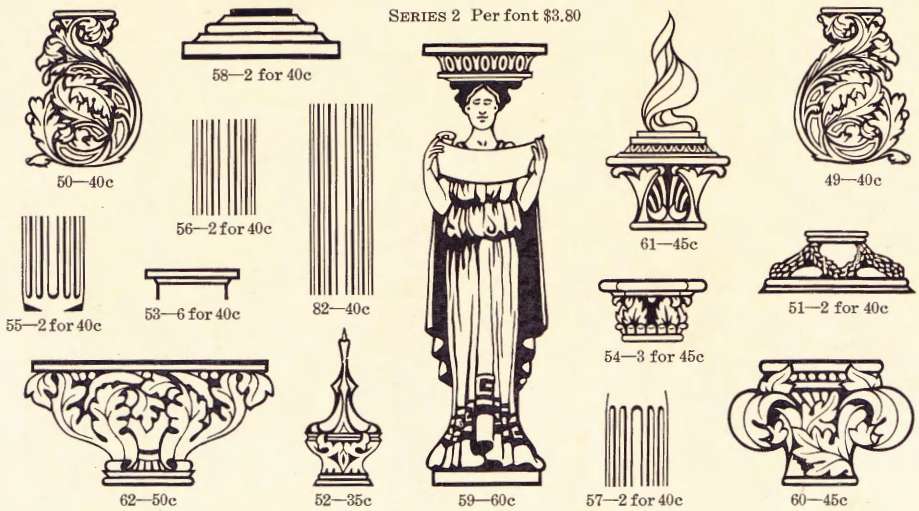
DECORATIVE MATERIAL

TWENTIETH CENTURY ORNAMENTS

SERIES 1 Per font \$5.45

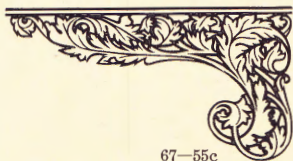


SERIES 2 Per font \$3.80

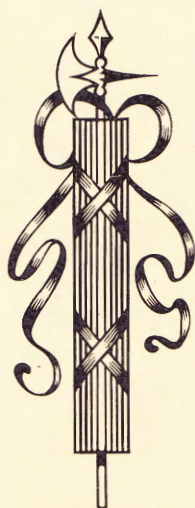


DECORATIVE MATERIAL

TWENTIETH CENTURY ORNAMENTS



67-55c



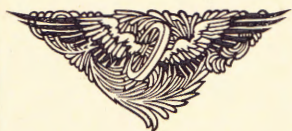
80-80c



65-55c



79-45c



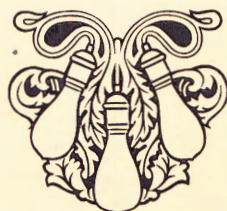
78-50c



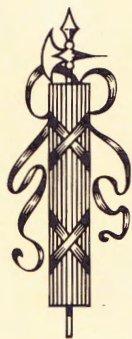
76-35c



75-35c



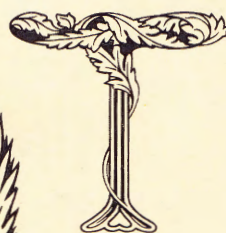
41-55c



71-55c



16-70c



25-55c



27-45c



20-35c



21-45c



19-50c



36-45c



26-45c



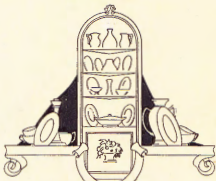
40-75c



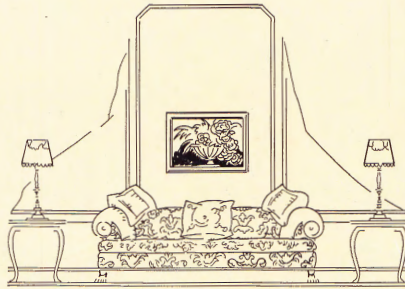
45-45c

DECORATIVE MATERIAL

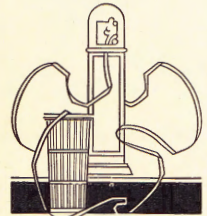
ROTERS ILLUSTRATORS



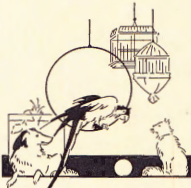
7229—65c



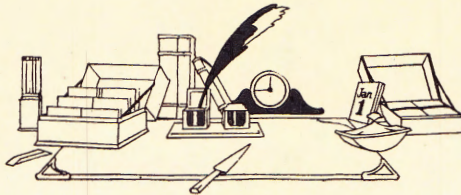
10814—\$1.15



8411—65c



7216—65c



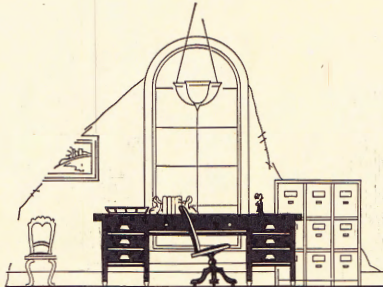
7206—75c



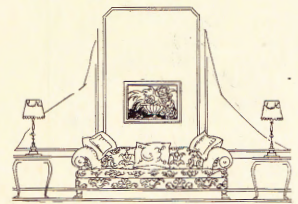
7218—65c



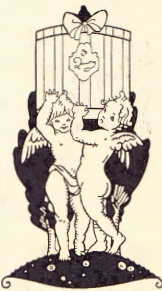
12003—75c



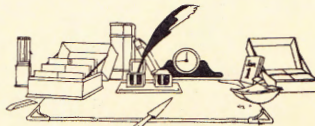
10830—\$1.15



7214—75c



10833—75c



5432—65c



7231—65c



12034—\$1.05



10835—90c



14436—\$1.15

DECORATIVE MATERIAL

ROTTERS ILLUSTRATORS



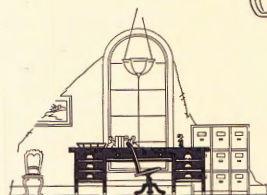
8415—65c



10807—\$1.15



7208—70c



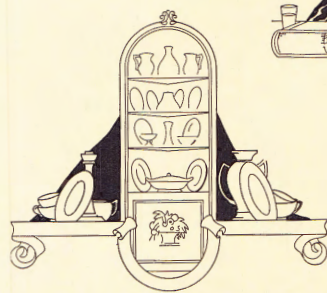
7201—70c



7227—70c



12002—\$1.25



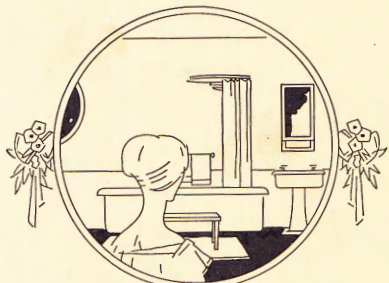
10809—\$1.05



7212—55c



12010—\$1.15



10828—\$1.15



7205—55c



7217—\$1.00



14404—\$1.45

DECORATIVE MATERIAL

ROTERS ILLUSTRATORS



7221—65c



10819—80c



10820—80c



7222—65c



7237—55c



7223—65c



7224—65c



7238—55c



5425—65c



10839—90c



10840—90c



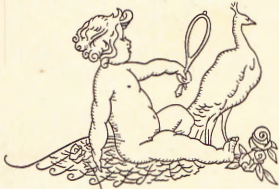
5426—65c



3649 3650
Per pair 50c



3647 3648
Per pair 50c



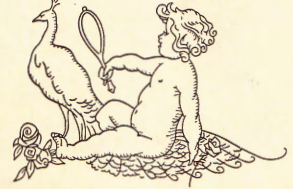
7241—75c



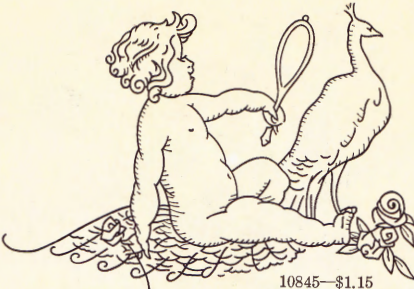
5443—55c



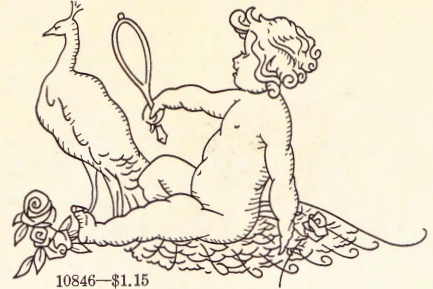
5444—55c



7242—75c



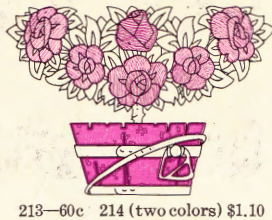
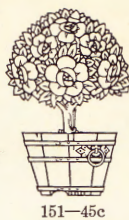
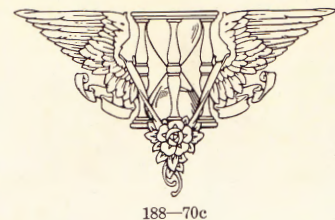
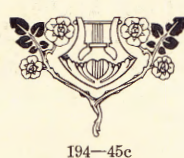
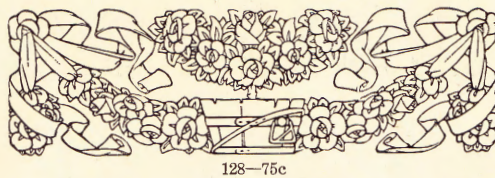
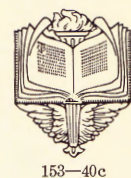
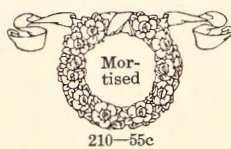
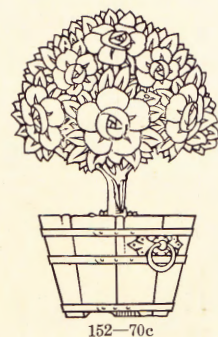
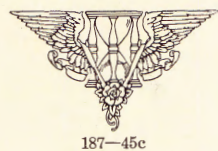
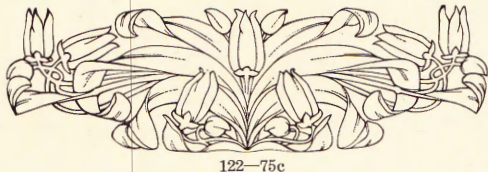
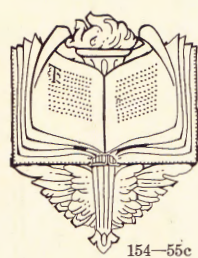
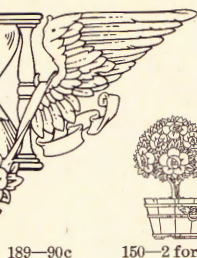
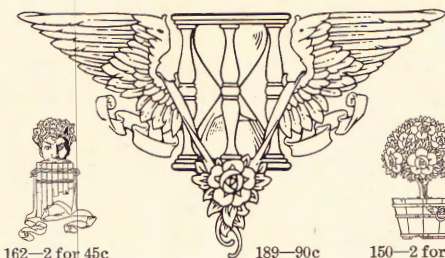
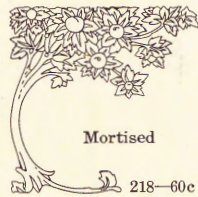
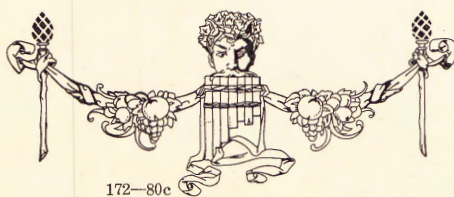
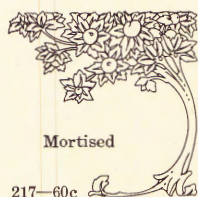
10845—\$1.15



10846—\$1.15

DECORATIVE MATERIAL

STRATHMORE ORNAMENTS



DECORATIVE MATERIAL

JAQUISH ORNAMENTS No. 3

Per font \$6.75

Single characters sold at prices listed



44-55c



43-90c



45-55c



49-55c



41-70c



50-55c



42-70c



46-55c



51
4 for 45c



48-65c



47-55c

Jaquish Ornaments make good headpieces, bands, etc. when decorations in black and white are desired



52-45c

This font contains one each of Nos. 41, 42, 43, 44, 45, 46, 47 and 48; six each of Nos. 49 and 50; ten of No. 51; and seven of No. 52

JAQUISH ORNAMENTS No. 4

Per font \$5.50

Single characters sold at prices listed



53-55c



54-55c



62-45c



55-70c



58-45c



59-45c



61-50c



63
6 for 50c

This font contains two each of Nos. 53, 54, 55, 56, 57, 58, 59 and 60; six each of Nos. 61 and 62; sixteen of No. 63; nine of No. 64



56-45c



57-45c

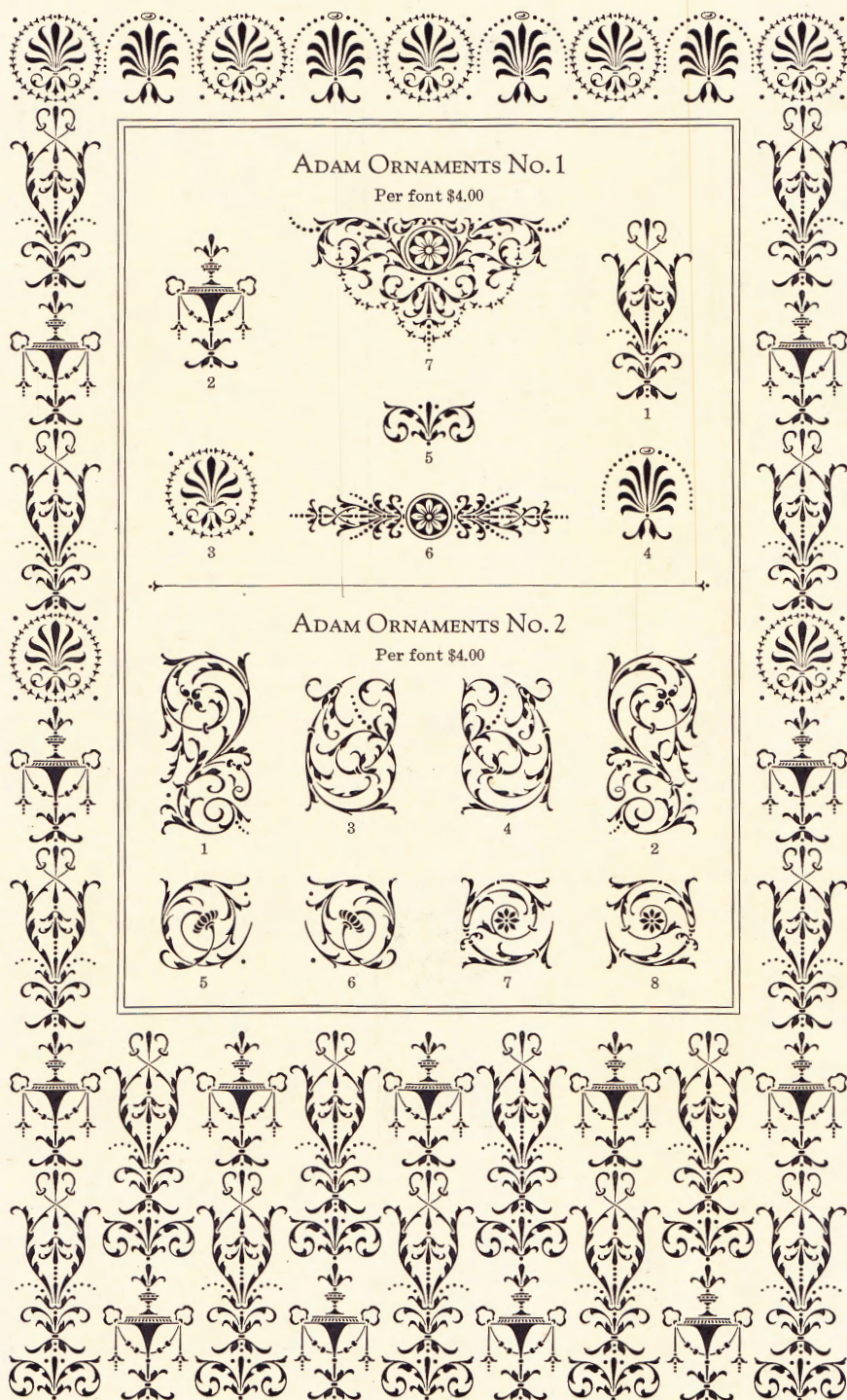


64-2 for 50c



60-55c

DECORATIVE MATERIAL



DECORATIVE MATERIAL

ORPHIC SPOTS

Cast in type molds



4803—45c



6004—50c



7212—65c



6005—50c



4802—45c

Type high, point body



7203—65c



7210—65c



4807—45c



4806—45c



6002—55c



6007—55c



4814—45c



4808—45c



4812—45c



4809—45c



4801—45c



4804—45c



4810—45c



4811—45c



4805—45c



6006—55c



6001—55c



6008—50c



6014—55c



6009—50c



6011—55c

DECORATIVE MATERIAL

BODONI CAST ORNAMENTS



12001—\$1.30



9609—60c



12006—85c



7211
2 for 45c



9602—90c



9612—35c



7203—70c



6005—55c



14413—50c



4816—35c



7207—50c



7218—50c



3615
2 for 40c



4810
4 for 35c



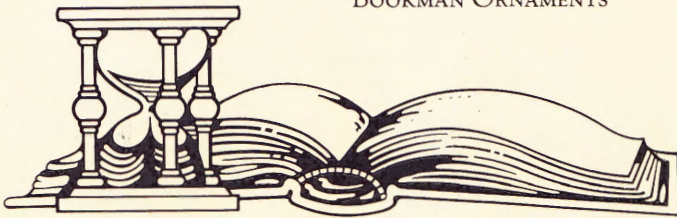
2414
4 for 35c



7204—70c

DECORATIVE MATERIAL

BOOKMAN ORNAMENTS



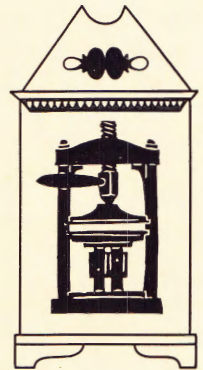
8401—\$1.15



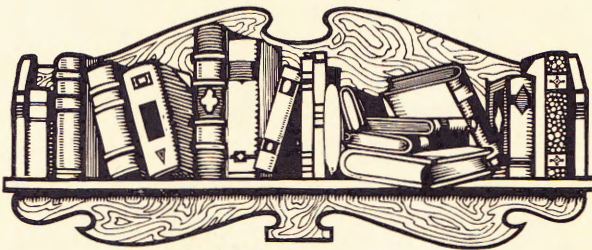
9649—55c



8404—\$1.15

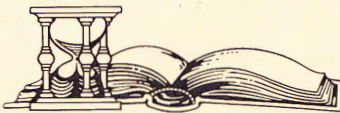


12044—70c



9617—\$1.15

CAST IN
TYPE
MOLDS



4201—55c

CUT
EXTRA
DEEP



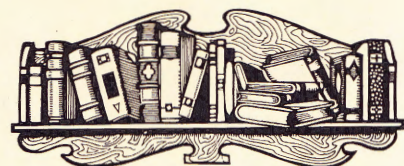
7242—75c



14401—\$1.15



4858—65c



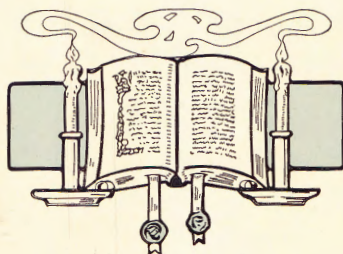
6016—70c

DECORATIVE MATERIAL

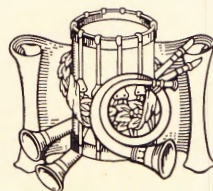
BOOKMAN ORNAMENTS



8402-65c



96162-80c 96163 (two colors) \$1.45



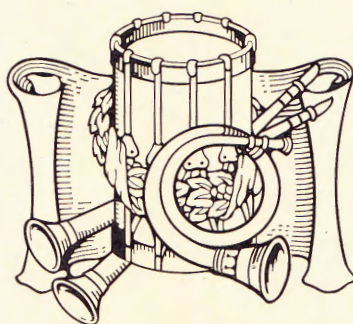
7201-50c



8403-\$1.15



12001-90c



12002-90c

DELLA ROBBIA ORNAMENTS



6005-55c



4806-50c



3602-45c



7209-45c



7201-45c



Mortised

8410-70c



7203-40c



4804-45c



3008-40c

DECORATIVE MATERIAL

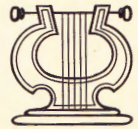
VERSATILE ORNAMENTS



60-70c



17-2 for 40c



12-35c



133-2 for 40c



85-4 for 35c



62-65c



66-70c



76-4 for 35c



75-4 for 35c



88-2 for 45c



127-2 for 40c



128-3 for 40c



124-40c



64-65c



68-70c



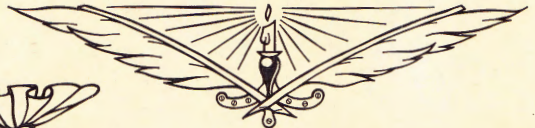
77-2 for 40c



87-40c



126-3 for 45c



57-70c



43-55c



13-50c



39-55c



5-40c



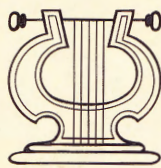
54-55c



158-35c



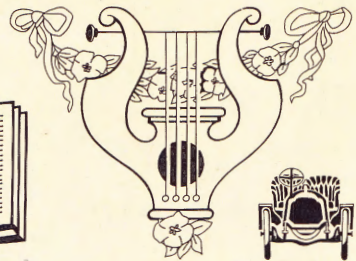
159-35c



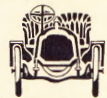
11-45c



24-45c



42-80c



98-2 for 45c

DECORATIVE MATERIAL

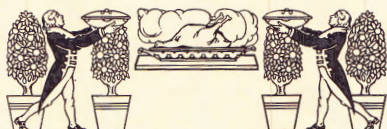
VERSATILE ORNAMENTS



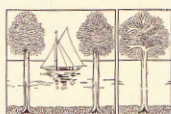
70—65c



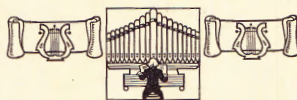
Group L complete 65c



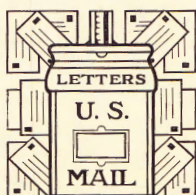
Group N complete 85c



Group Q complete 45c



Group H complete 50c



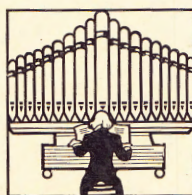
143—50c



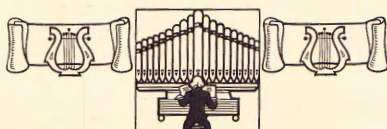
155—50c



156—50c



123—50c



Group I complete 65c



15—35c



81 82
Per pair 45c



25—35c

DELLA ROBBIA FESTOONS No. 1

18 Point 36 inches \$1.85

1

2

3

4

5

6

7

Made also in the following sizes:
 12 Point No. 1 54 inches \$2.25 24 Point No. 1 36 inches \$2.40

DELLA ROBBIA FESTOONS No. 2

Per font \$2.90

Characters in Complete Font

3

2

6

4

5

8

7

9

1

Font contains two each of characters 1, 3, 4, 5, 6 and 8; six each 7 and 9; ten of 2

DECORATIVE MATERIAL

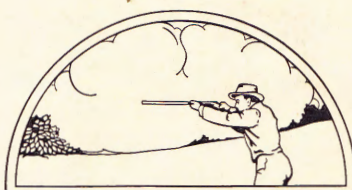
TRAP SHOOTER SERIES



11-60c



6-55c



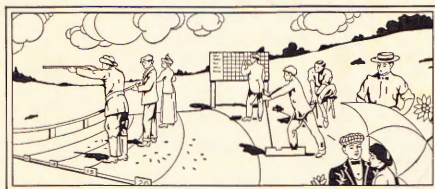
25-70c



2-55c



15-45c

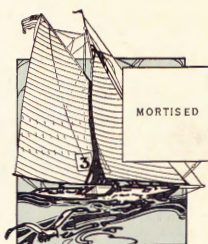


23-75c

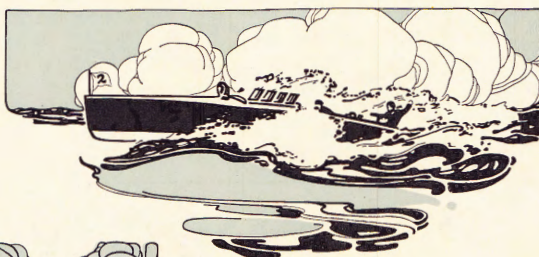


4-55c

VACATION ORNAMENTS



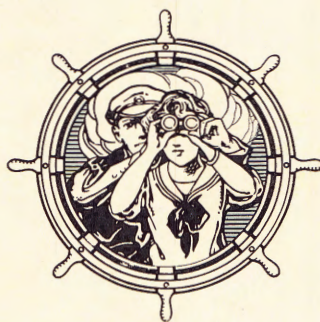
2-70c Two colors \$1.20



5-\$1.00 Two colors \$1.80

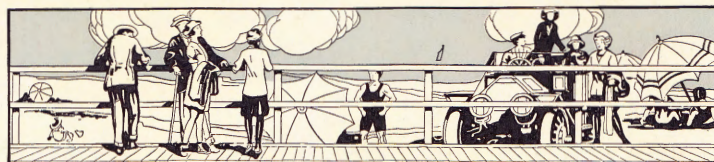


3-\$1.30 Two colors \$2.35



4-85c Two colors \$1.55

Made
for
Two
Colors



1-90c Two colors \$1.65

Cast
Evenly
to
Points

DECORATIVE MATERIAL

HOLIDAY DECORATORS



222 (two colors) 90c



252 (two colors) \$1.35



216 (two colors) 65c



3-70c
119 (two colors) \$1.10



332 (two colors) \$1.00



228 (two colors) \$1.35



214 (two colors) \$1.55



246 (two colors) 75c



50-\$1.30



358 (two colors) \$1.80



376 (two colors) \$1.20



71-75c



391-65c
390 (two colors) \$1.20



294 (two colors) \$1.00



52-70c



248 (two colors) 90c

DECORATIVE MATERIAL

HOLIDAY DECORATORS



290 (two colors) \$1.65
Mortised



15-45c



234 (two colors) \$1.55



268 (two colors) 75c



424-55c
Three colors



72-\$1.30 117 (two colors) \$2.35



382-90c
Two colors



380-75c
Two colors



427-90c
Three colors



Mortised

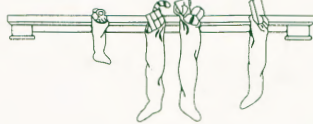
62-70c



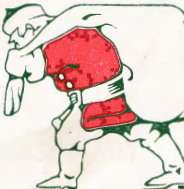
13-75c



27-50c



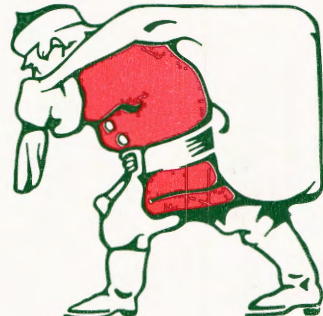
98-50c



30-50c
126 (two colors) 90c



29-65c 127 (two colors) \$1.20



28-85c 109 (two colors) \$1.55

DECORATIVE MATERIAL

HOLIDAY DECORATORS



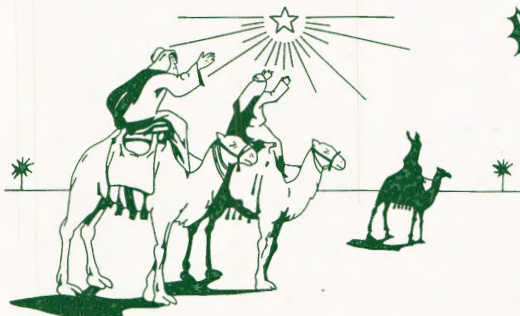
310 (two colors) 65c



95-60c



292 (two colors) 80c



68-\$1.30



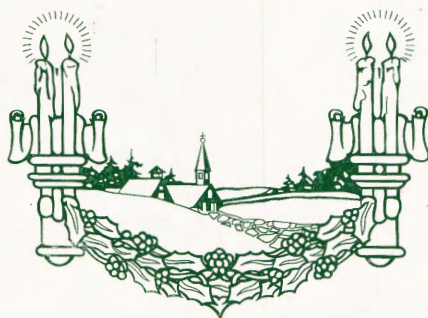
270 (two colors) \$1.45



63-40c



70-60c



197-\$1.00



276 (two colors) \$1.65
Mortised



306 (two colors) 90c



344 (two colors) 45c



250 (two colors) 90c



393-85c
392 (two colors) \$1.55



Mortised

288 (two colors) \$1.35



157-\$1.00



134-45c
135 (two colors) 75c

DECORATIVE MATERIAL

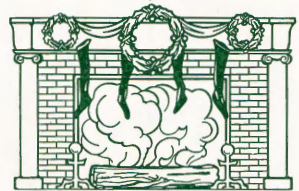
HOLIDAY DECORATORS



55-55c



264 (two colors) 90c



200-60c



339-45c
338 (two colors) 80c



240-65c
Two colors



321-80c 320 (two colors) \$1.45



14-60c



51-90c



90-60c



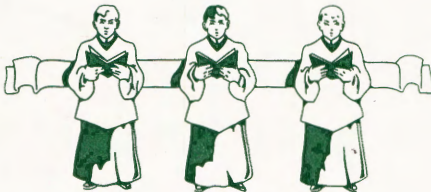
262-50c
Two colors



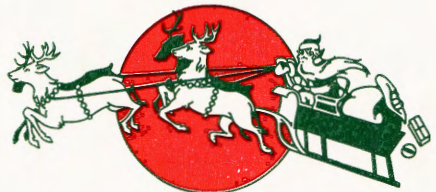
76-75c 121 (two colors) \$1.05



304-80c
Two colors



46-75c



73-75c 136 (two colors) \$1.20



274 (two colors) 75c
Mortised



49-75c



192-50c



226-80c
Two colors

DECORATIVE MATERIAL

HOLIDAY DECORATORS



254 (two colors) 75c



97-2 for 45c



139-3 for 40c



258 (two colors) 80c



260 (two colors) \$1.25



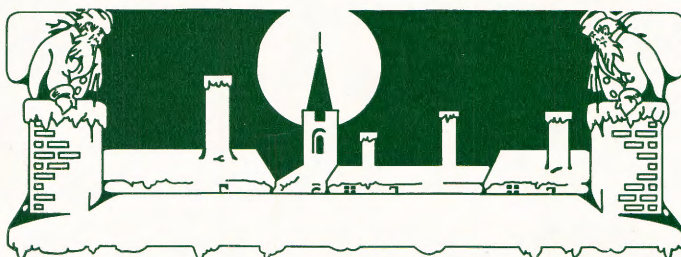
105-2 for 40c
131 (two colors) 40c



99-60c 122 (two colors) 80c



83-40c



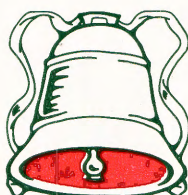
79-\$1.15



110-40c



88-55c
133 (two colors) 80c



12-50c
125 (two colors) 70c



16-75c



232 (two colors) 90c



18-45c



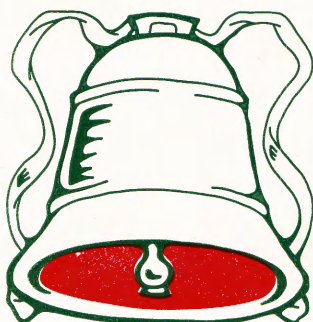
272 (two colors) 75c
Mortised



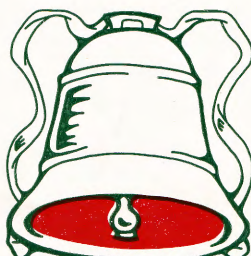
337-2 for 45c
336 (two colors) 45c



87-90c
132 (two colors) \$1.65



10-85c 123 (two colors) \$1.20



11-65c 124 (two colors) \$1.00



60-45c

DECORATIVE MATERIAL

HOLIDAY DECORATORS



312 (two colors) 90c



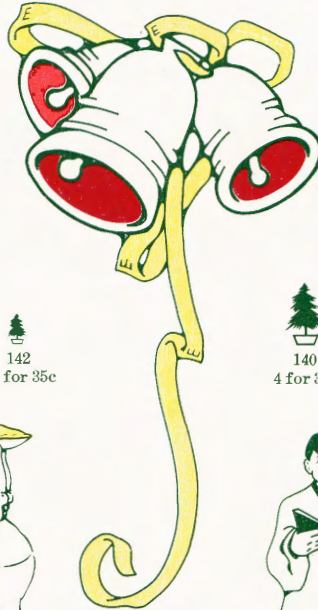
394 (three colors) \$1.90



362 (two colors) 80c



196—55c



364 (two colors) \$1.20



144—50c



142
12 for 35c



140
4 for 35c



43—60c
114 (two colors) \$1.10



242 (two colors) 90c



371—55c
370 (two colors) \$1.00

1—\$1.45
115 (two colors) \$2.05
116 (three colors) \$3.20



112—50c



374 (two colors) 80c



389—50c
388 (two colors) 90c



430—\$1.00
Three colors



330—80c
Two colors



387—45c
386 (two colors) 80c



113—35c



369—40c
368 (two colors) 75c



64—40c



278 (green) 75c 279 (blue) 75c 280 (red) 50c
278A (three colors) \$1.70



406—\$1.15
Three colors

DECORATIVE MATERIAL

HOLIDAY DECORATORS



77—\$1.30 128 (two colors) \$1.85



42—60c



25—85c



298 (two colors) 80c



266—\$2.10
Two colors



48—\$1.00



111—45c



350 (two colors) 80c



418—90c
Three colors



193—85c



415—55c
Three colors



2—\$1.00 118 (two colors) \$1.50



421 (three colors) \$1.00



212 (two colors) 90c

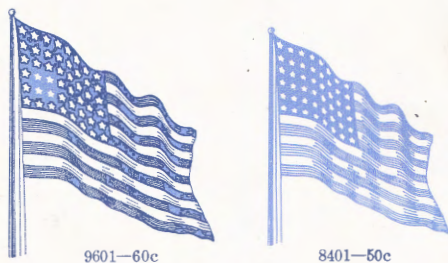
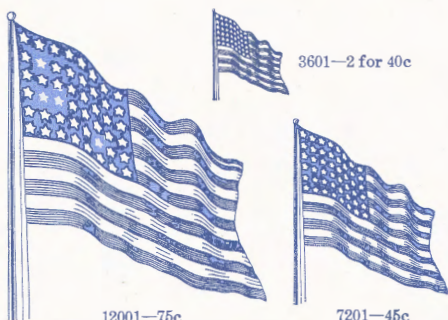
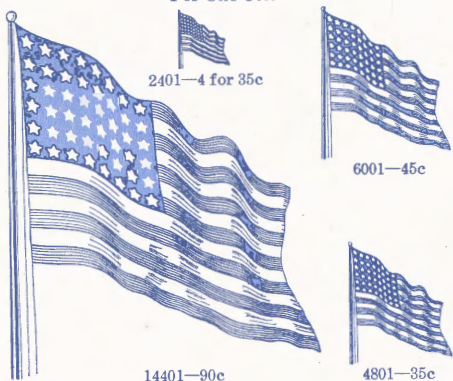


94—\$1.00

DECORATIVE MATERIAL

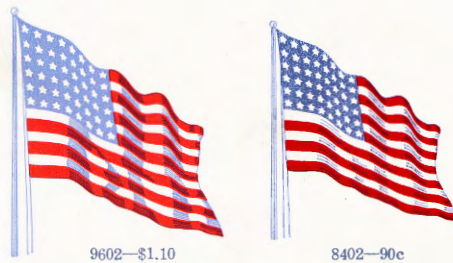
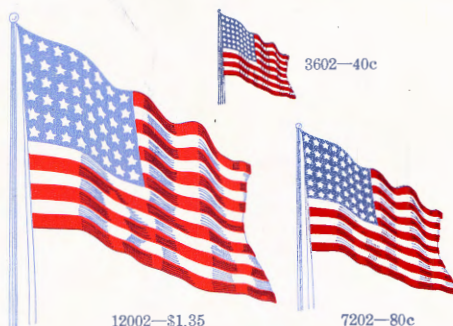
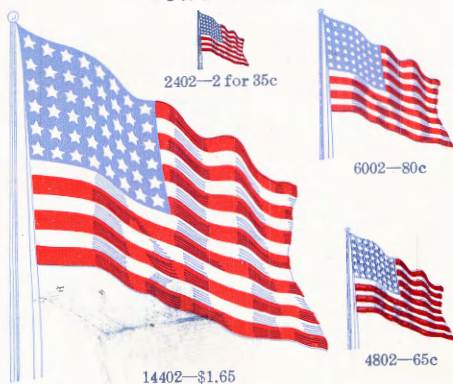
UNITED STATES FLAGS

For One Color



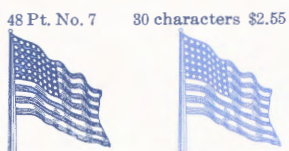
UNITED STATES FLAGS

For Two Colors



UNITED STATES FLAG BORDERS

For One Color



UNITED STATES FLAG

Attention is called to the fact that the United States, and several of the individual States, restrict and prohibit by law the use of the United States Flag, the State Flags and the National and State Coats of Arms for either advertising or business purposes of any nature. All cuts, electrotype or type representations of same made, sold or offered for sale by the American Type Founders Company are made and sold on the condition that they are not to be used in any manner prohibited by law.

UNITED STATES FLAG BORDERS

For Two Colors



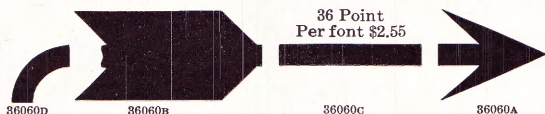
DECORATIVE MATERIAL

ARROW ORNAMENTS No. 1

60 Point Per font \$3.25



36 Point Per font \$2.55



24 Point Per font \$2.55



18 Point Per font \$2.40



12 Point Per font \$2.20



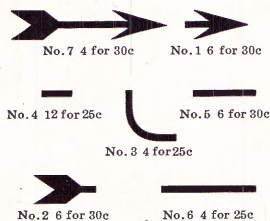
6 Point Per font \$2.20



12 POINT ARROW ORNAMENTS No. 2

Per font \$2.20

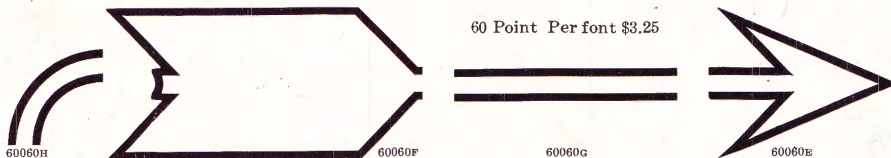
Characters in Complete Font



Font contains fourteen each of characters
1 and 2; twelve of 3; ten of 4;
nine each 5, 6 and 7

OUTLINE ARROWS No. 1

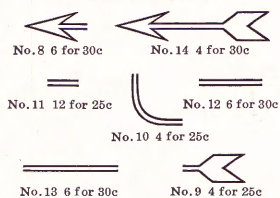
60 Point Per font \$3.25



12 POINT OUTLINE ARROWS No. 2

Per font \$2.20

Characters in Complete Font

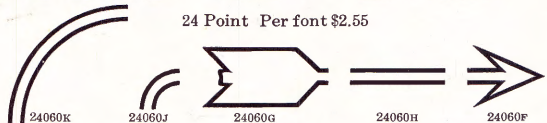


Fonts contain fourteen each of characters
8 and 9; twelve of 10; ten of 11;
nine each 12, 13 and 14

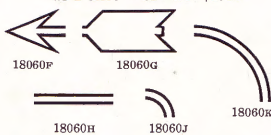
36 Point Per font \$2.55



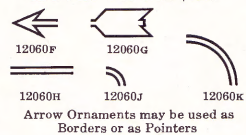
24 Point Per font \$2.55



18 Point Per font \$2.40



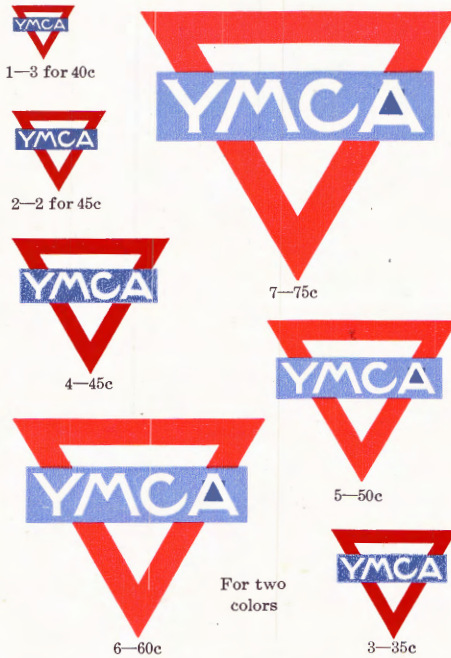
12 Point Per font \$2.20



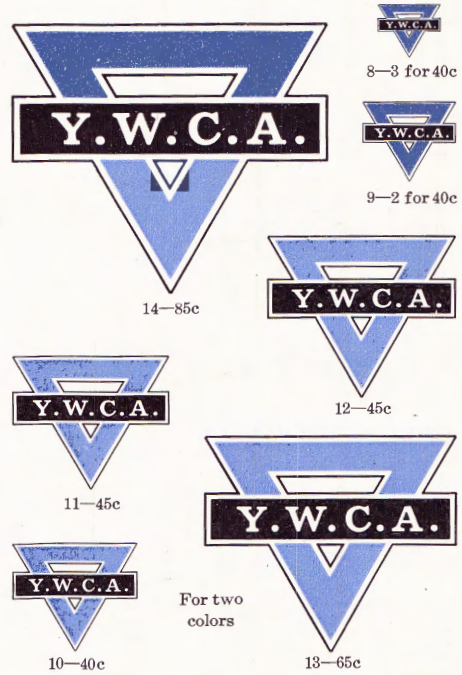
Arrow Ornaments may be used as
Borders or as Pointers

DECORATIVE MATERIAL

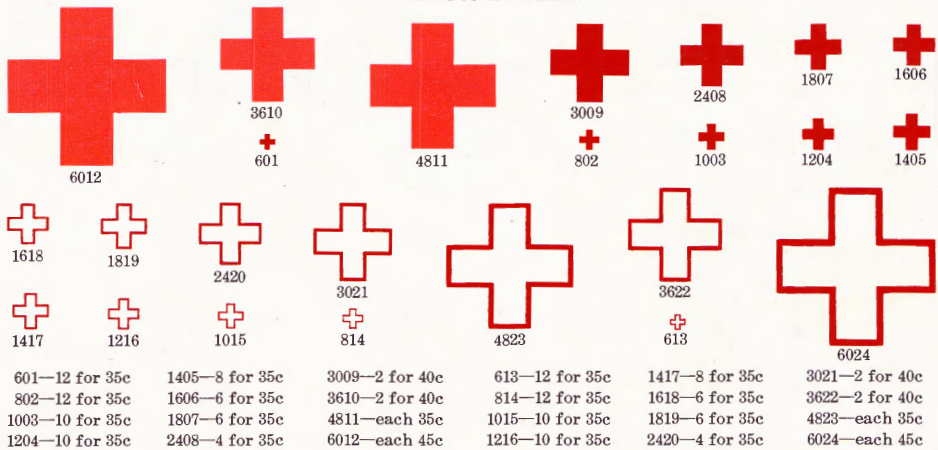
YOUNG MEN'S CHRISTIAN ASSOCIATION EMBLEM



YOUNG WOMEN'S CHRISTIAN ASSOCIATION EMBLEM



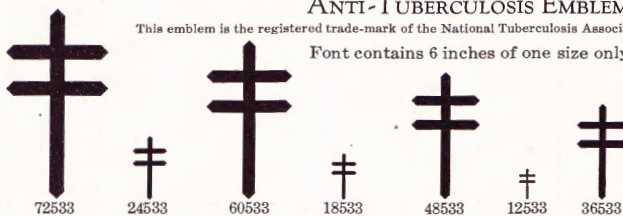
RED CROSS EMBLEMS



ANTI-TUBERCULOSIS EMBLEM

This emblem is the registered trade-mark of the National Tuberculosis Association and is used by permission

Font contains 6 inches of one size only



12533-12 for 35c Per font \$0.70

18533- 8 for 35c Per font .70

24533- 4 for 35c Per font .70

36533- 3 for 40c Per font 1.10

48533- 2 for 45c Per font 1.45

60533- each 35c Per font 1.80

72533- each 45c Per font 2.20

DECORATIVE MATERIAL

POST CARD EMBELLISHERS



4—50c



5—50c



9—50c



3—45c



7—50c



10—70c

TRADE EMBLEMS



8403—55c

Same design made also in the following sizes:

48 Pt. (4803) ... each 35c
60 Pt. (6003) ... each 45c
72 Pt. (7203) ... each 50c



7211—50c

Same design made also in the following sizes:

24 Pt. (2411) ... 4 for 35c
36 Pt. (3611) ... 2 for 40c
48 Pt. (4811) ... each 35c
60 Pt. (6011) ... each 45c



8402—50c

Same design made also in the following sizes:

18 Pt. (1802) ... 8 for 35c
24 Pt. (2402) ... 4 for 35c
36 Pt. (3602) ... 2 for 40c
48 Pt. (4802) ... each 35c
60 Pt. (6002) ... each 40c
72 Pt. (7202) ... each 50c



7214—45c

Same design made also in the following sizes:

36 Pt. (3614) ... 2 for 40c
48 Pt. (4814) ... 2 for 45c
60 Pt. (6014) ... each 40c

Cast in two pieces

Any city or town can be inserted

PRINTED IN U. S. A. IMPRINTS

Per font \$1.25



1



2



3



4



7



6



5

SLOCUM SEALS

Made in the following sizes:

24 Point 4 for 25c
36 Point 2 for 30c
60 Point each 35c
72 Point each 40c
96 Point each 55c

Per font, one of each size \$1.50



72 Point 40c

LOCUS SIGILLI



453E
3 for 30c



513E
3 for 30c



311E
3 for 30c



664E—2 for 35c



354D
3 for 45c



554D—25c

DECORATIVE MATERIAL

FLORAL DECORATORS



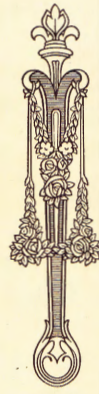
7276—70c



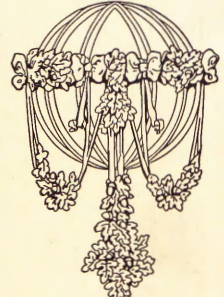
5477—55c



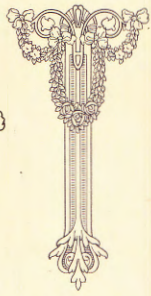
2485—45c



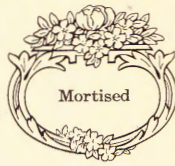
3689—50c



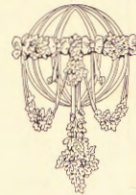
12015—70c



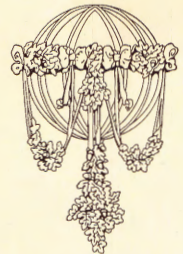
5481—55c



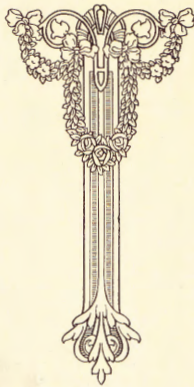
6043—55c



7219—45c



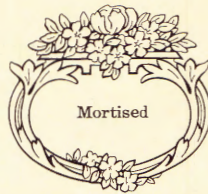
9616—55c



7280—70c



6036—50c
Mortised

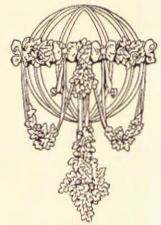


Mortised

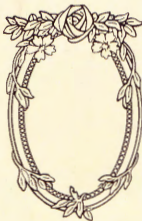
7242—60c



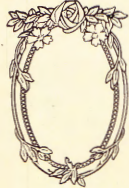
4844—50c
Mortised



8418—50c



8434—60c
Mortised



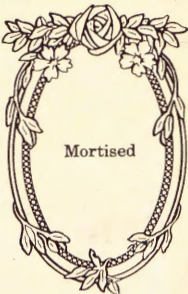
7233—45c
Mortised



3665—50c



5417—35c

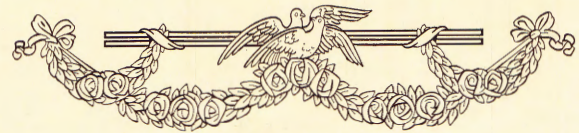


Mortised

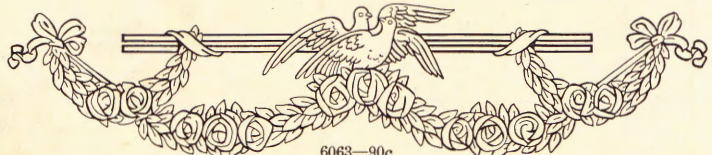
10835—70c



4837—30c
Mortised



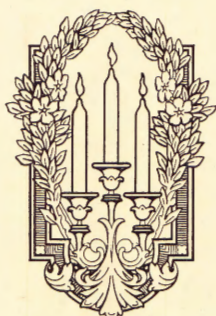
4864—70c



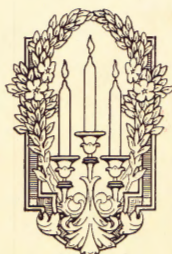
6063—90c

DECORATIVE MATERIAL

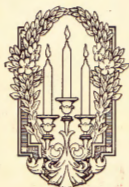
FLORAL DECORATORS



12003—70c



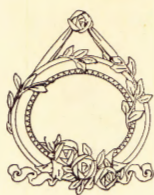
9602—55c



7204—45c



9652—75c



7240—55c
Mortised



9639 (Mortised) 65c



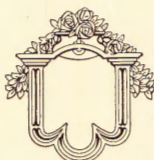
8421—50c



7253—55c



12012—70c



6047—55c
Mortised



5424—35c



4841
2 for 45c



5454—45c



9611—50c



6013—40c



4849—45c
Mortised



7223—45c



9622—50c



2473—40c



3672—55c



7246 (Mortised) 60c



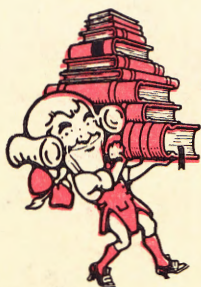
7214—45c



4859—85c

DECORATIVE MATERIAL

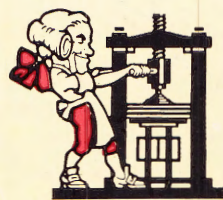
TYPOGRAPHIC SPOTS



10801—75c
Two colors \$1.35



8402—80c
Two colors \$1.45



7203—75c
Two colors \$1.45



8404—75c
Two colors \$1.45



8405—55c
Two colors \$1.00



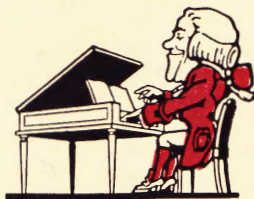
8406—65c
Two colors \$1.20



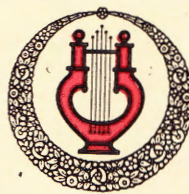
7207—55c
Two colors \$1.00



7208—65c
Two colors \$1.20



7209—80c
Two colors \$1.45



7210—65c
Two colors \$1.20



6011—55c
Two colors \$1.00



5412—55c
Two colors \$1.00



7213—55c
Two colors \$1.00



6016 (two colors only) \$1.00



5417 (two colors only) \$1.35



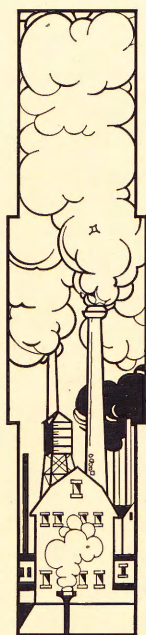
5414—55c
Two colors \$1.00



6015—55c
Two colors \$1.00

DECORATIVE MATERIAL

COMMERCE AND INDUSTRY ILLUSTRATORS



5402-75c



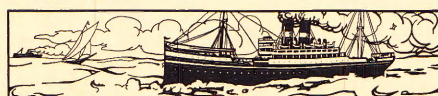
5404-45c



5403-85c



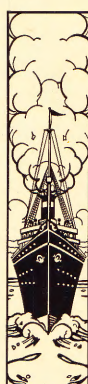
3609-50c



3607-50c



3608-50c



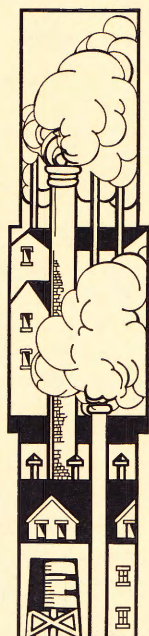
3610-50c



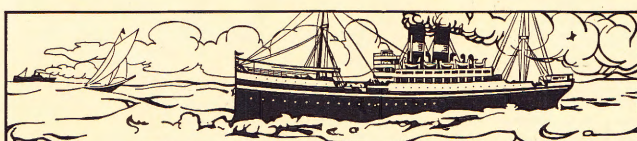
3611-50c



5405-45c



5406-75c



5401-85c

PRINTERS EMBELLISHERS



120001-55c



120002-70c



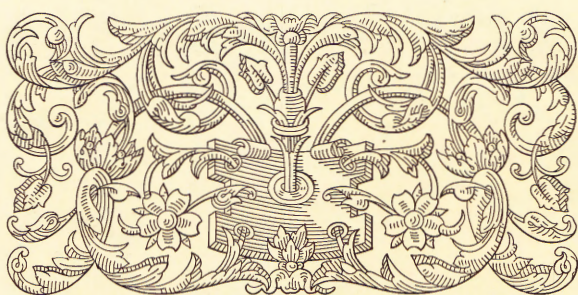
120003-70c



120004-55c

DECORATIVE MATERIAL

TORY ORNAMENTS



1—\$1.45

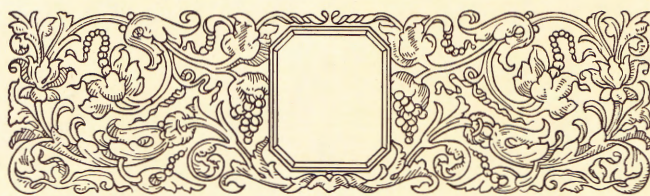
GEOFROY TORY · PAINTER AND ENGRAVER
FIRST ROYAL PRINTER · NOTED ORTHOEPIST

BERNARD'S monograph on Tory was first published in the year 1857, when M. Bernard was already a recognized authority on the history of typography. In the year 1865, after an interval devoted largely to a search for further information about Tory, and also for examples of his work as an artist, a second edition of the book appeared, enlarged by over half, arranged more systematically, and embellished with several additional engravings of designs that are, in the author's opinion, attributable to Tory. The Iconography, which forms the third part of this revised edition, did not appear as such in the first edition, although a small part of the material it contains may be found scattered through the edition. Now it occupies far more space than the Biography and

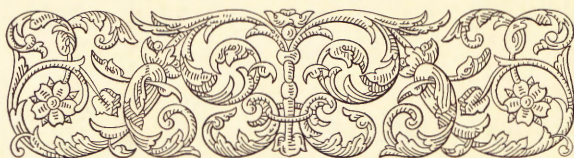
rit and effect of the original result is more truly a repro-
copy would have been. Both
in these designs were exact
isite, and as a rule they con-
pages of drawings from all
are and expensive volumes
at was done in France when
en more elaborate than be-
lully printed by Colines and
se. Some of them, however
hands of inferior printers
irregularities due to the
fullness of the printers
discernible, a volume
e French fashion, is
in list of contents



TORY INITIAL



8 (Mortised) \$1.25



9—\$1.00

Tory Ornaments
for
Headpieces
and
Tailpieces

*American
Type Founders
Company*

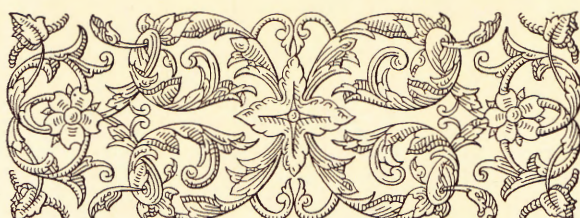
EVERYTHING FOR THE PRINTER

DECORATIVE MATERIAL

TORY ORNAMENTS



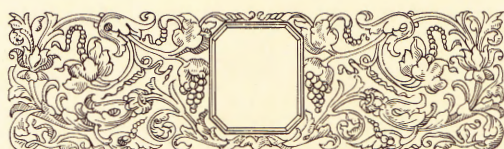
2—\$1.35



3—\$1.25



4—\$1.15



6 (Mortised) \$1.05



5 (Mortised) \$1.10



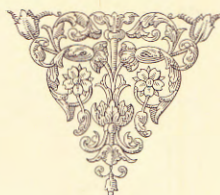
7—65c



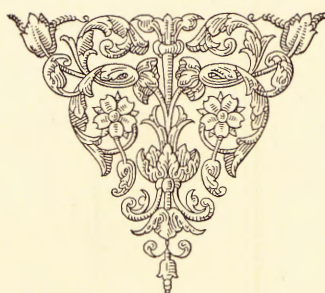
10—75c



11—65c



12—65c



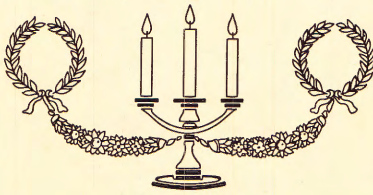
13—\$1.05

*American
Type Founders
Company*

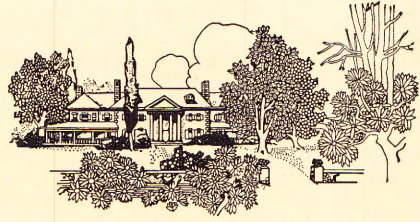
EVERYTHING FOR THE PRINTER

DECORATIVE MATERIAL

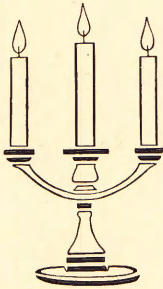
RENAISSANCE ORNAMENTS



25-70c



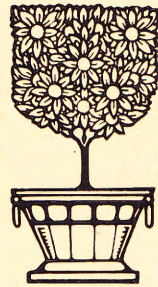
24-80c



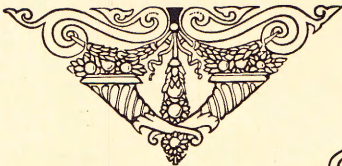
28-55c

CUT
EXTRA
DEEP

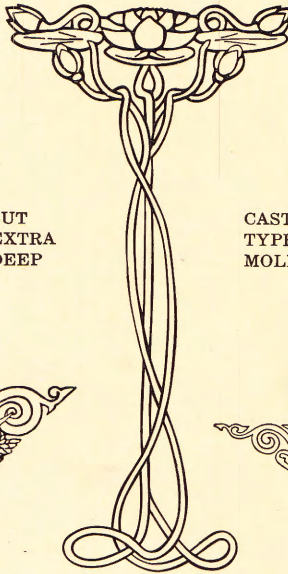
CAST IN
TYPE
MOLDS



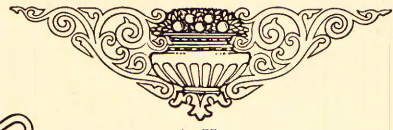
14-55c



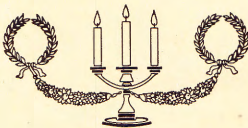
10-60c



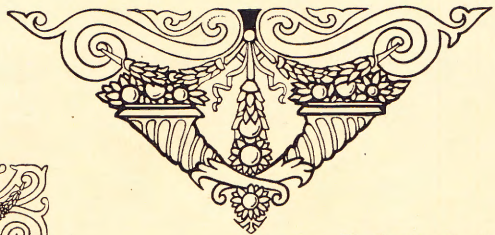
8-\$1.15



4-55c



50-45c



12-90c



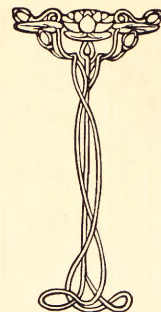
3-50c



18-80c



13-35c



7-55c

DECORATIVE MATERIAL

GOLF ILLUSTRATORS



10-55c



23-70c



19-65c



1-45c



6-40c



12-60c



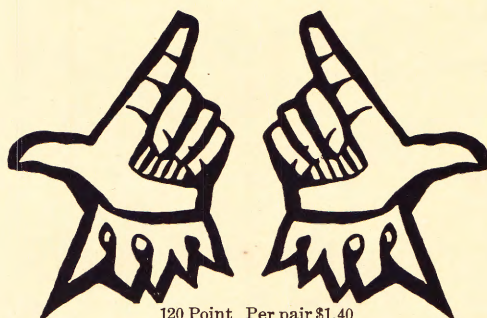
8-50c



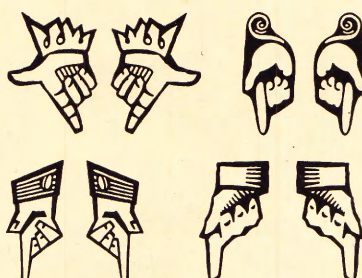
2-50c

CHAP-BOOK DIRECTORS

Four eye-catching styles made in nine sizes: 24, 30, 36, 42, 48, 60, 72, 96 and 120 Point



120 Point Per pair \$1.40



48 Point Per font of four pairs, eight characters 85c



72 Point Per pair 90c



96 Point Per pair \$1.10



24 Point Per font of eight pairs, 16 characters 70c



30 Point Per font of eight pairs, 16 characters 70c



36 Point Per font of eight pairs, 16 characters 85c

42 Point Per font of four pairs, 8 characters ... 70c
60 Point Per font of four pairs, 8 characters.. \$1.10
42 Point and 60 Point carried in stock only at Foundry

DECORATIVE MATERIAL

MURAL ORNAMENTS



307A-45c



306A-45c



310A-35c



316A-35c



305A-45c



314A-35c



295A-35c



313A-35c



308A-35c



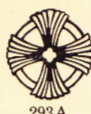
311A-35c



294A-35c



301A-35c



293A
2 for 40c



296A-35c



304A-35c

BUSHA ORNAMENTS



349A-50c



209A-45c



142A-50c



221A-35c



103A-2 for 45c



34G-2 for 40c



405A-40c



60G-45c



17G-3 for 40c



45G-40c



168A-40c



263A-35c



16G-8 for 35c



213A-35c



178A-40c



37G
3 for 45c



1G
3 for 40c



406A-45c



67G-3 for 45c



25G-2 for 45c



256A-2 for 45c



38G-2 for 40c



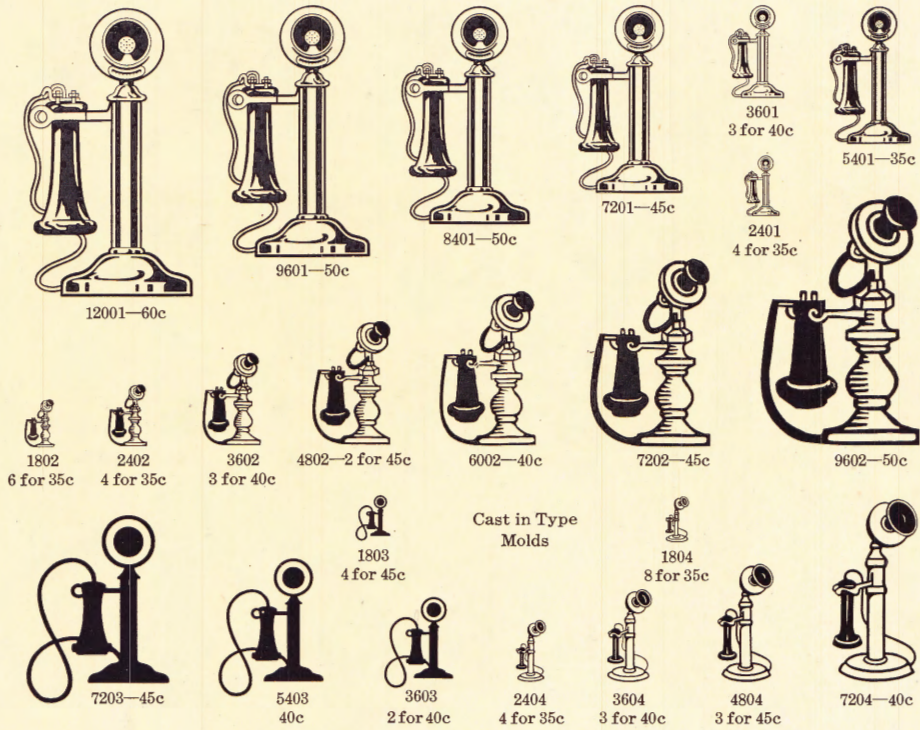
219A-40c



101A-2 for 45c

DECORATIVE MATERIAL

TELEPHONE CAST CUTS



SPEAKERS

Per font \$1.50

Single character 30c



COLONIALS

Per font \$1.50

Single character 30c



DECORATIVE MATERIAL

WAYSIDE ORNAMENTS



336—40c



383



384

Per pair 40c



385—45c



379



380

Per pair 40c



337—40c



375



376

Per pair 40c



429—35c



348



349

Per pair 70c



377



378

Per pair 40c



360



361

Per pair 45c



425—2 for 45c



373



374

Per pair 70c

KATE GREENAWAY MIGNONETTES



52

2 for 45c



7—40c



19—45c



6—45c



20

2 for 45c



33—40c



49—45c



47—45c



34—45c



1—45c



29—40c



4—40c



21—45c



51

2 for 45c



54—40c



38

2 for 45c



32—45c



57

2 for 45c

DELMONICO CHEFS AND WAITERS

Per font \$1.50
Single character 30c



1



2



4



3



6



5



7



8



9



10

DECORATIVE MATERIAL

ART ORNAMENTS



72015—50c



72018
2 for 45c



60009—50c



72016
2 for 45c



72013—50c



72014—50c



84002—55c



18059
35c



42009—25c
Two colors
42010—45c



72020—50c



54003—25c



60014—50c



84001—55c



84008—75c



84003—55c

ART COMBINATION ORNAMENTS

SERIES 60

Per font \$1.45

Font contains two each of characters 72024 and 48028; six of character 48027



72024—50c



48027
3 for 40c



48028—25c

SERIES 57

Per font \$1.10

Font contains two each of characters 42005 and 42007; six of character 42006



42005—35c



42006
4 for 35c



42007—35c

SERIES 55

Per font \$1.80

Font contains two each of characters 60010 and 36028; six of 36027



60010—55c



36027
6 for 40c



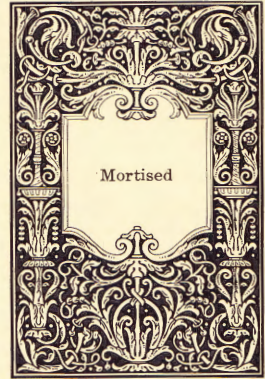
36028—45c

DECORATIVE MATERIAL

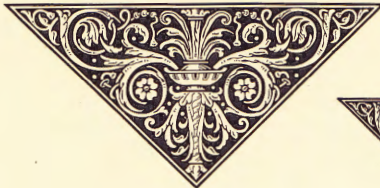
JAQUISH ORNAMENTS



6010—\$1.10

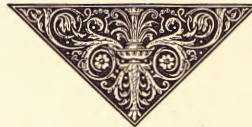


14401—\$1.10

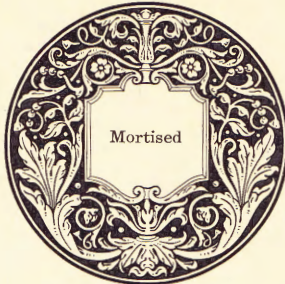


7209—90c

CAST IN
TYPE MOLDS



4807—55c



10808—\$1.05



7206—75c



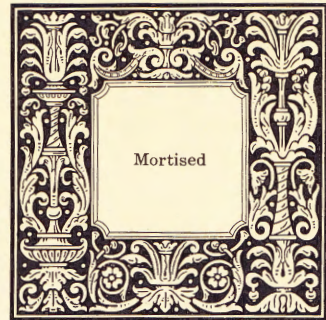
9605—90c



7204—\$1.35



14403—\$1.35



12002—\$1.15

DECORATIVE MATERIAL

THANKSGIVING ORNAMENTS



1—40c



6—35c



3—35c



8—35c



2—40c



11—45c



9—2 for 45c



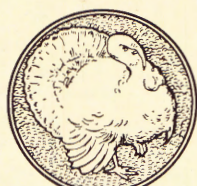
5—35c



10 (two colors) 65c



7—2 for 45c



4—50c



12—50c

ITALIAN BANDS

12 Point No. 1



54 inches \$2.25

18 Point No. 2



36 inches \$1.85

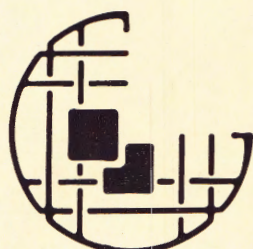
24 Point No. 3



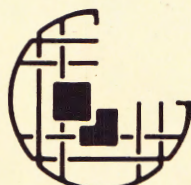
36 inches \$2.40

PARSONS INITIAL DECORATORS

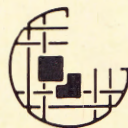
(Not mortised)



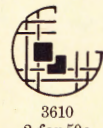
9610—80c



7210—65c



4810—45c



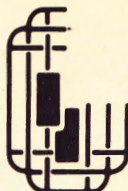
3610
2 for 50c



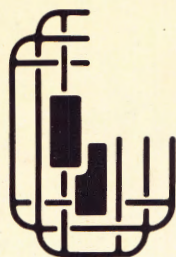
3611
3 for 50c



4811
2 for 55c



7211—55c



9611—70c

Parsons Swash Initials and Parsons Initial Decorators in fonts are shown on page 86

DECORATIVE MATERIAL

CHAP-BOOK GUIDONS



14 Point	Font contains ten pairs each of Brackets and Parentheses; ten each of Paragraph Marks	Per font \$0.85
18 Point	Font contains eight pairs each of Brackets and Parentheses; eight each of Paragraph Marks	Per font .85
24 Point	Font contains six pairs each of Brackets and Parentheses; six each of Paragraph Marks	Per font .85
30 Point	Font contains four pairs each of Brackets and Parentheses; four each of Paragraph Marks	Per font 1.00
36 Point	Font contains three pairs each of Brackets and Parentheses; three each of Paragraph Marks	Per font 1.00
42 Point	Font contains two pairs each of Brackets and Parentheses; two each of Paragraph Marks	Per font 1.00
48 Point	Font contains two pairs each of Brackets and Parentheses; two each of Paragraph Marks	Per font 1.10
60 Point	Font contains two pairs each of Brackets and Parentheses; two each of Paragraph Marks	Per font 1.10
72 Point	Font contains two pairs each of Brackets and Parentheses; one each of Paragraph Marks	Per font 1.15

SWASTIKA ORNAMENTS



Black Per font \$1.15
Font contains two each of 6, 8, 10, 12, 18, 24 and 30 Point, and one each of 36, 48, 60 and 72 Point

Outline Per font \$1.15
Font contains two each of 6, 8, 10, 12, 18, 24 and 30 Point, and one each of 36, 48, 60 and 72 Point



LAUREL ORNAMENTS

6 Point Per font \$1.80
12 Point Per font \$1.80
18 Point Per font \$2.25



Characters in Complete Font of 18 Point

The characters of 6 and 12 Point are practically the same as those of 18 Point



Laurel Ornaments are cast in cored type molds, with as little shoulder as possible inside wreaths, so that type lines may be set close up
A great variety of designs may be produced with these ornaments. Wreaths are enlarged symmetrically by using the single piece

DECORATIVE MATERIAL

DELLA ROBBIA INITIALS

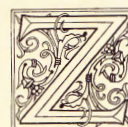
48 Point No. 4802, two colors, set of 52 characters \$7.00
Single character, two colors 65c

48 Point No. 4801, one color, set of 26 characters \$3.50
Single character, one color 35c



72 Point No. 7202, two colors, set of 52 characters...\$14.00
Single character, two colors 90c

72 Point No. 7201, one color, set of 26 characters...\$7.00
Single character, one color 50c



DECORATIVE MATERIAL

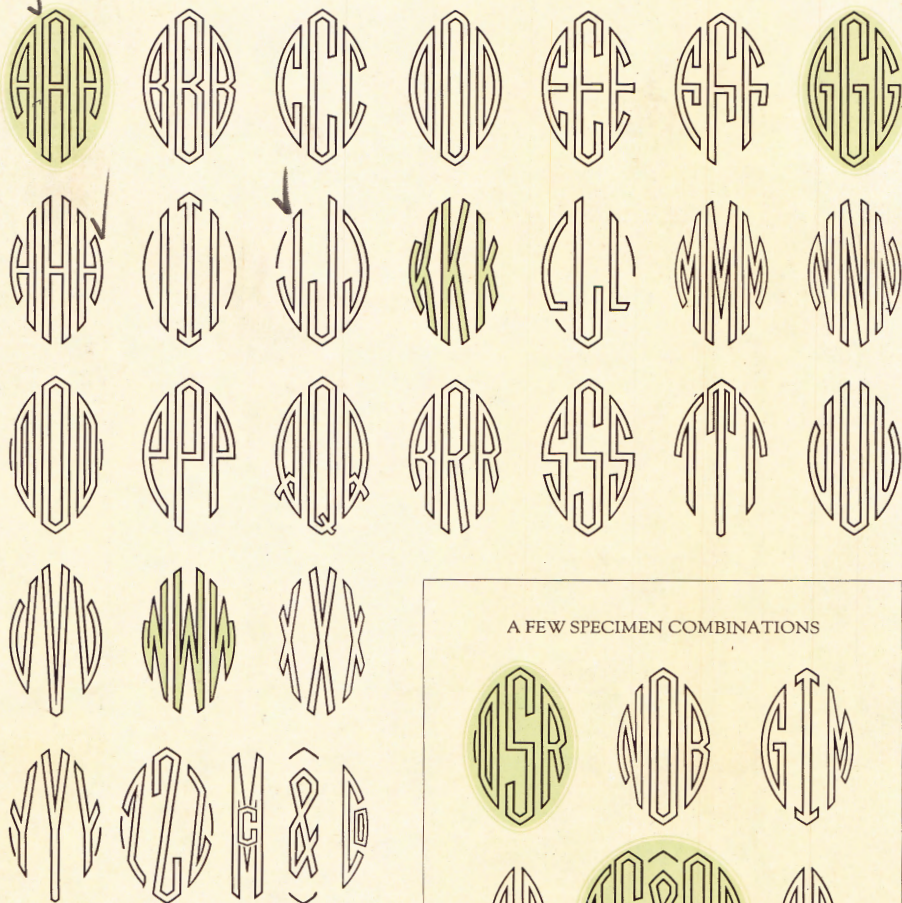
VIRKOTYPE COMBINATION MONOGRAMS

Series A, one type each, 81 characters

Series B, color for Series A, one type each, 81 characters

Per font \$7.25

Per font \$7.25



VIRKOTYPE TINT BLOCKS

Four sizes:
two, three, four and five letter combinations
Per font \$1.65



3-45c



4-50c



2-40c



5-55c

A FEW SPECIMEN COMBINATIONS



Series A or Series B

Each two letter combination \$0.55
Each three letter combination .85
Each four letter combination 1.10
Each five letter combination 1.40

DECORATIVE MATERIAL

VIRKOTYPE COMBINATION MONOGRAMS

Series C, one type each, 81 characters

Series D, color for Series C, one type each, 81 characters

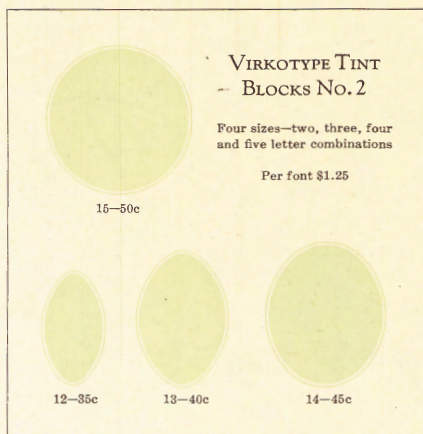
Per font \$4.75

Per font \$4.75



Series C or Series D

Each two letter combination \$0.45
Each three letter combination .70
Each four letter combination .90
Each five letter combination 1.15



VIRKOTYPE COMBINATION MONOGRAMS

Series E, one type each, 81 characters

Series F, color for Series E, one type each, 81 characters

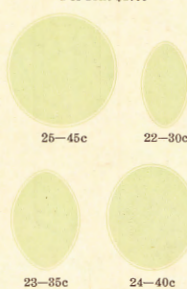
Per font \$3.25

Per font \$3.25



VIRKOTYPE TINT BLOCKS No. 3

Four sizes—two, three, four and five letter combinations
Per font \$1.00



Series E or Series F

Each two letter combination \$0.35
Each three letter combination .55
Each four letter combination \$0.70
Each five letter combination .90

DECORATIVE MATERIAL

VANITY INITIALS

A1—45c

A2—55c

A3—65c

SF1—70c

A4—55c

A5—65c

A6—80c

SF2—55c

SF3—45c

ST1—55c

SF4—55c

A7—65c

A8—70c

A9—90c

B1—55c

B2—45c

B3
2 for 50c

C1—50c

C2—55c

C3—2 for 55c

D3—75c

D2—65c

D1—55c

LT1—50c

LT2—50c

LT3—50c

Vanity Initials are cast full on the body and are not mortised

DECORATIVE MATERIAL

VANITY INITIALS



E3—65c



E2—55c



E1—45c



G7—55c



G3—90c



F1—55c



F3—80c



F2—65c



G4—50c



G1—2 for 55c



G8—65c



G9—70c



G2—55c



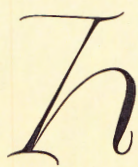
G5—55c




G6—70c



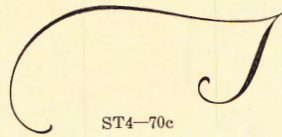
H2—70c



H5—50c



H6—55c



ST4—70c



H4—45c



ST2—45c



ST3—50c



LT4—2 for 50c



H3—90c

Vanity Initials are cast full on the body and are not mortised

DECORATIVE MATERIAL

VANITY INITIALS



L3—55c



L2—45c



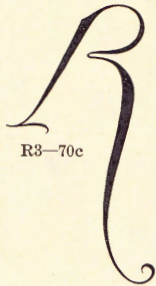
L1—2 for 50c



L4—2 for 50c



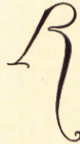
L6—65c



R3—70c



R2—55c



R1—45c



L5—50c



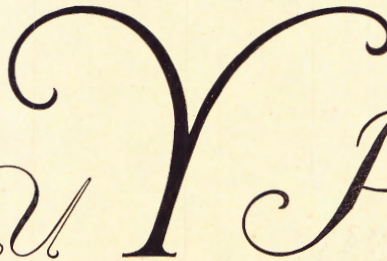
U2—55c



U3—65c



U1—45c



Y5—\$1.15



P2—50c



P3—65c



P1—2 for 55c



V2—65c



Y4—75c



V3—70c



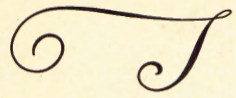
Y3—65c



Y1—2 for 50c



LT5—2 for 50c



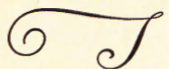
ST13—50c



ST7—45c



ST6—70c

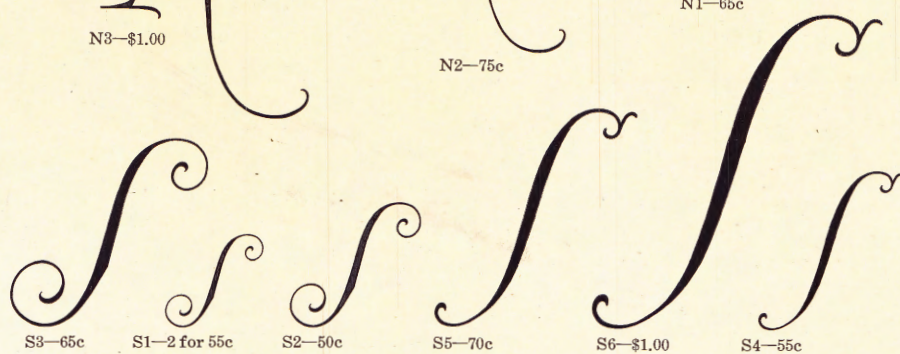
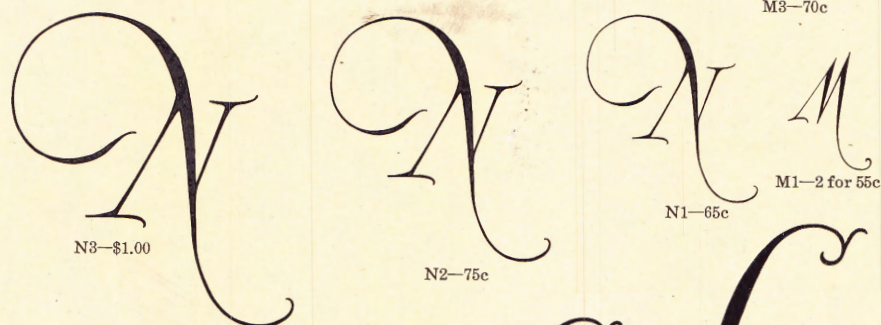
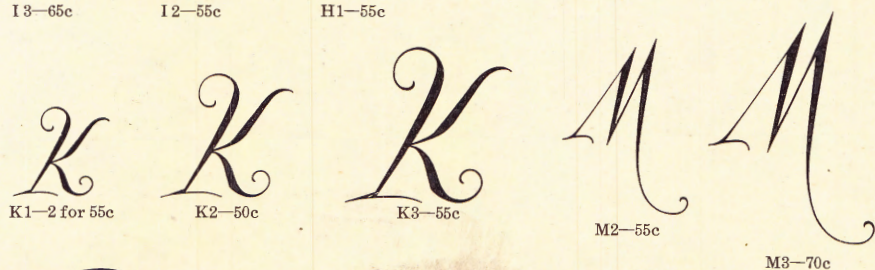
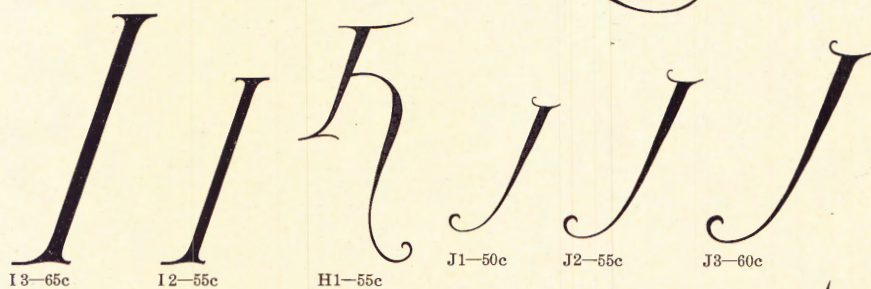


ST5—2 for 50c

Vanity Initials are cast full on the body and are not mortised

DECORATIVE MATERIAL

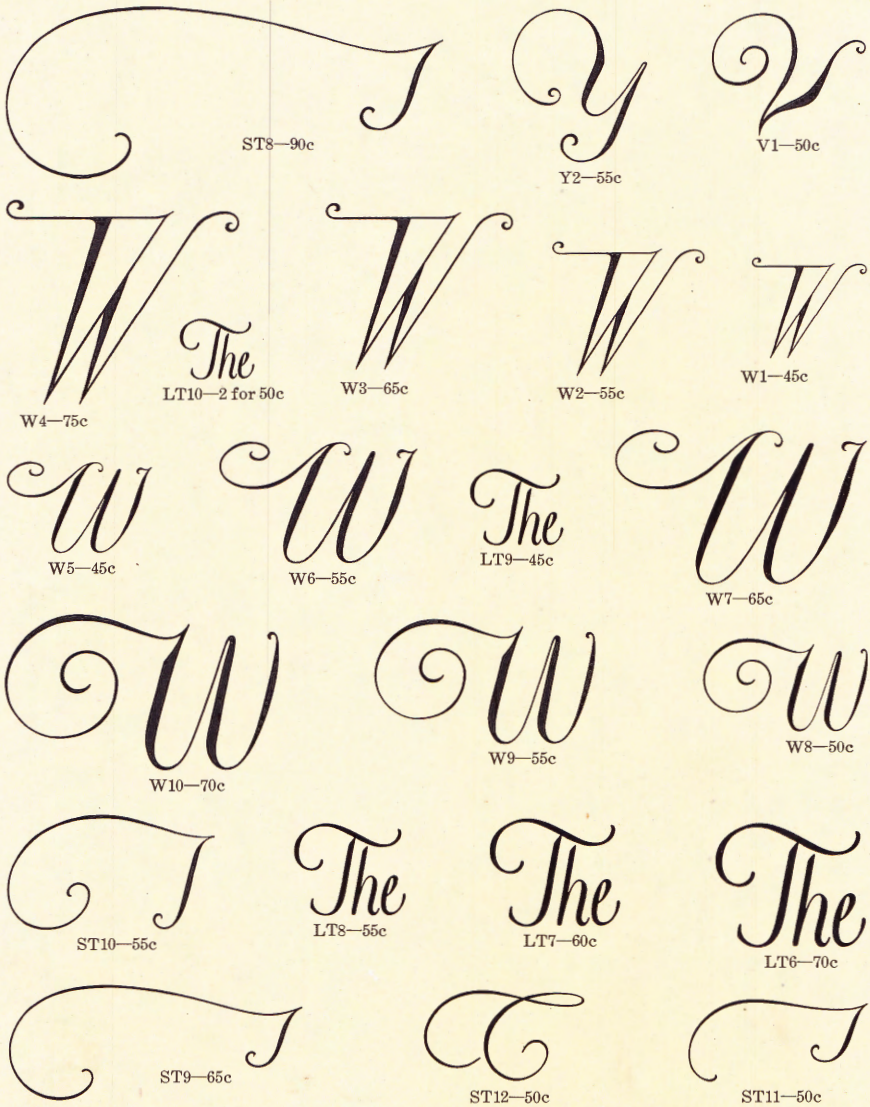
VANITY INITIALS



Vanity Initials are cast full on the body and are not mortised

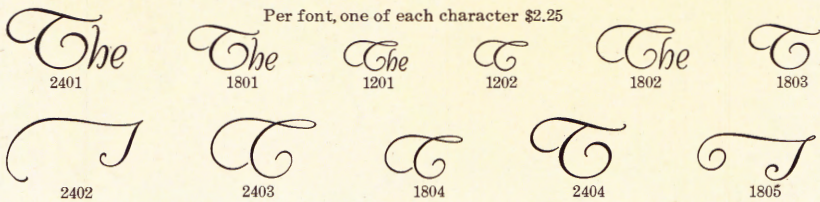
DECORATIVE MATERIAL

VANITY INITIALS



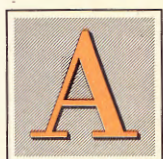
MINIATURE VANITY INITIALS

Per font, one of each character \$2.25

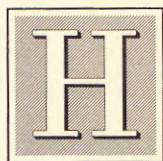
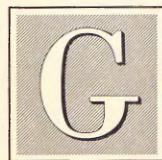
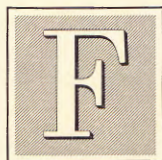
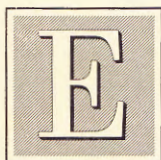
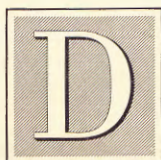
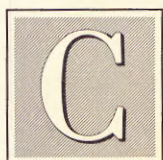


Vanity Initials are cast full on the body and are not mortised

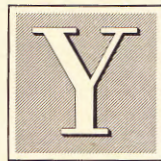
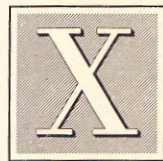
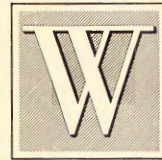
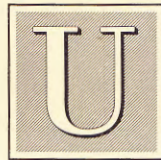
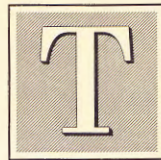
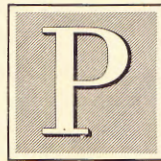
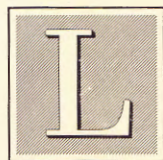
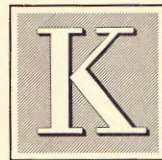
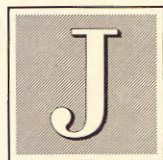
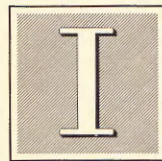
DECORATIVE MATERIAL



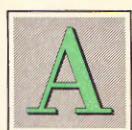
BODONI SHADED INITIALS
 60 Point, one color, per set (26 characters).....\$5.00
 60 Point, two colors, per set (52 characters).....10.00
 Single character, one color 45c; two colors 80c



A	B	C	D	E	F		
G	<p>24 Point, one color, per set.....\$1.25 (26 characters) Four of one character for one color 45c 24 Point, two colors, per set...\$2.50 (52 characters) Two of one character for two colors 45c</p>					H	
I	K	L	M	N	O	P	J
Q	R	S	T	U	V		
W	X	D	N	Y	Z		

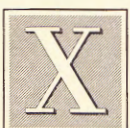
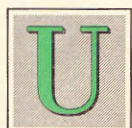
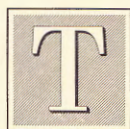
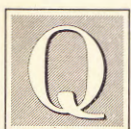
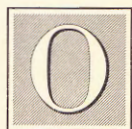
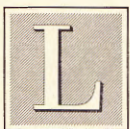
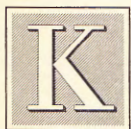
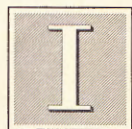


DECORATIVE MATERIAL



BODONI SHADED INITIALS

48 Point, one color, per set (26 characters) \$3.50
 48 Point, two colors, per set (52 characters) 7.00
 Single character, one color 35c; two colors 65c



MADE FOR ONE OR TWO COLORS

36 Point, one color, per set (26 characters) \$2.25

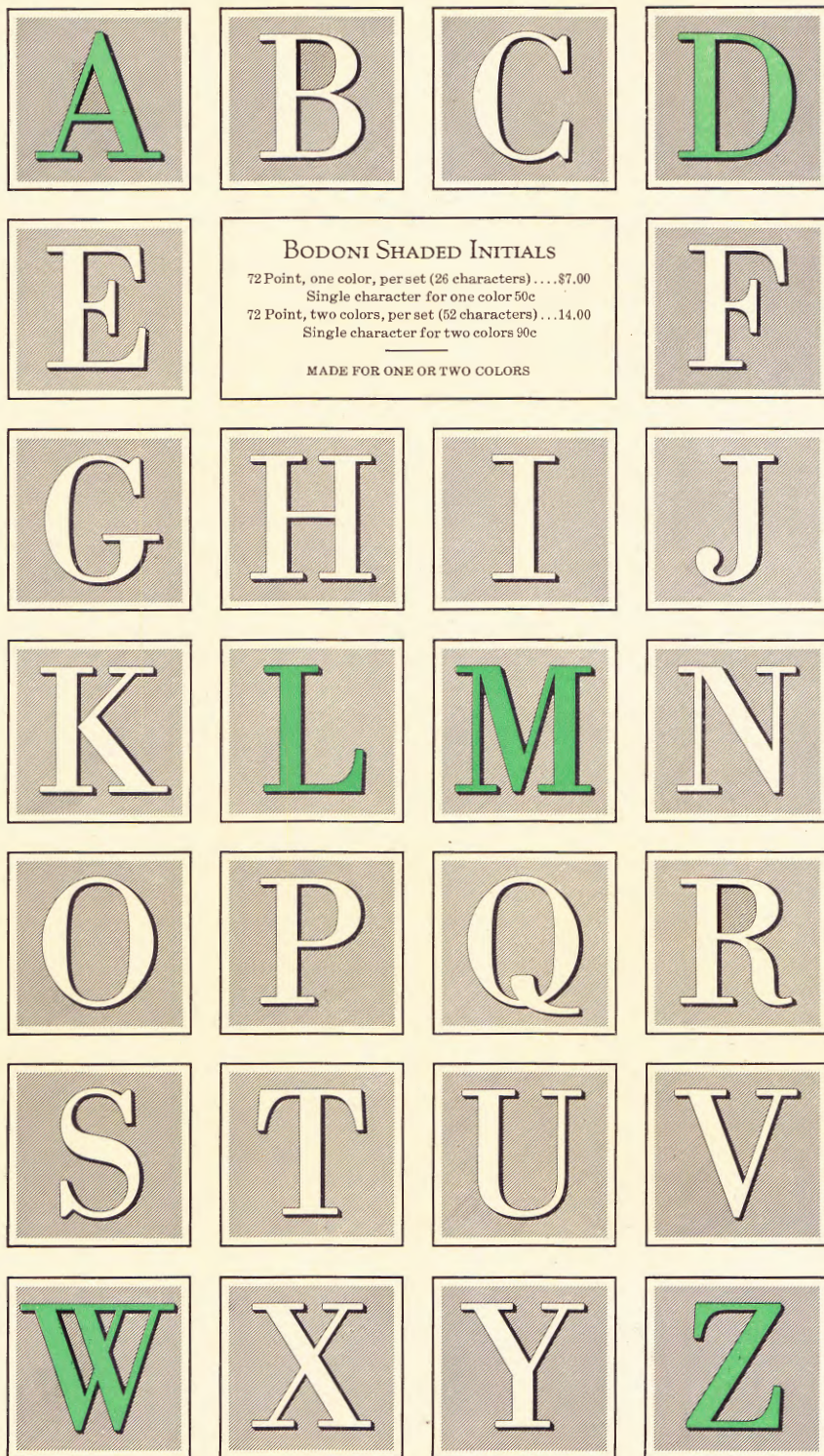
36 Point, two colors, per set (52 characters) \$4.50

Two of one character, one color 40c; single character, two colors 40c



MADE FOR ONE OR TWO COLORS

DECORATIVE MATERIAL

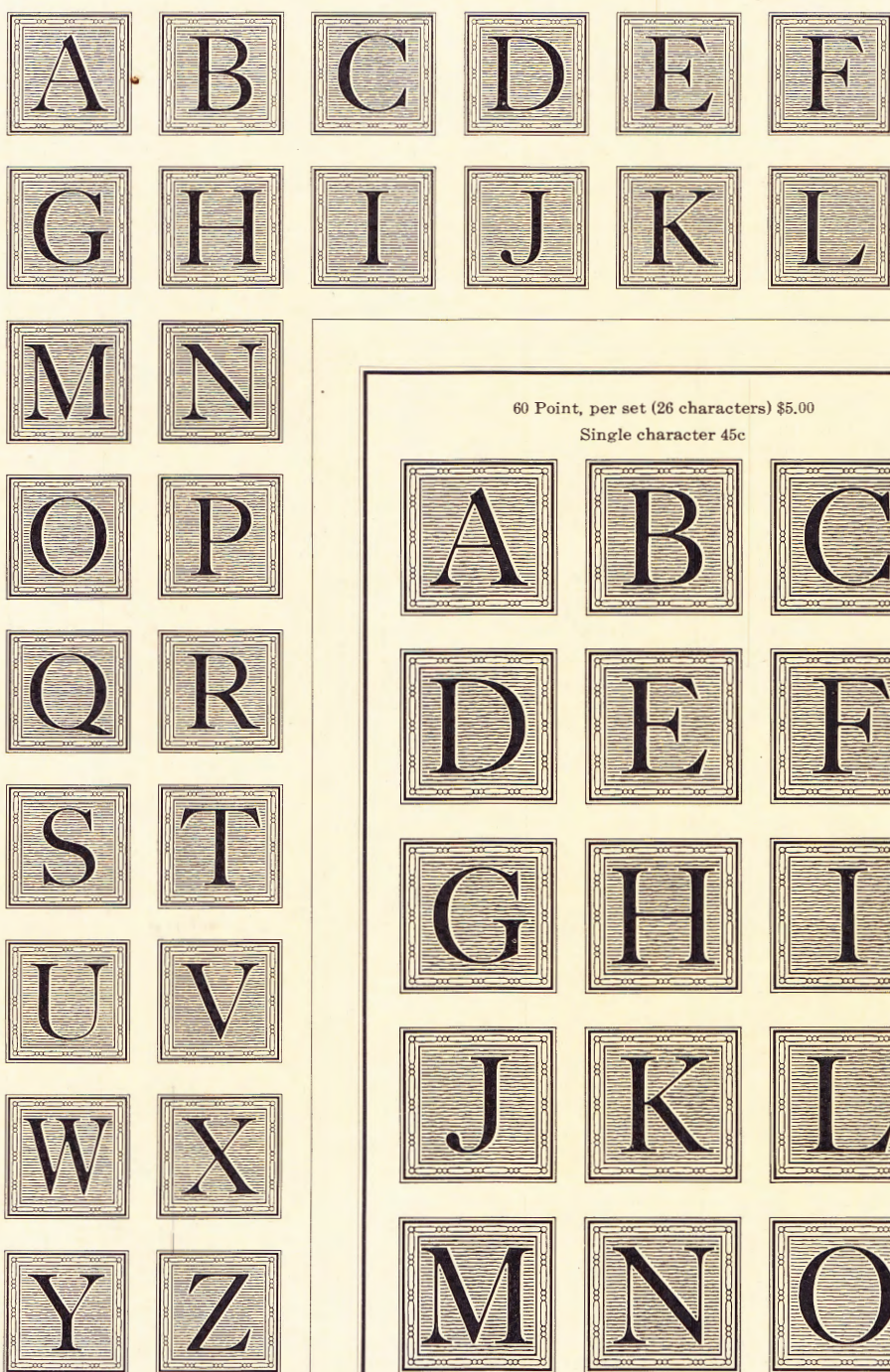


DECORATIVE MATERIAL

CASLON INITIALS

48 Point, per set (26 characters) \$3.50

Single character 35c



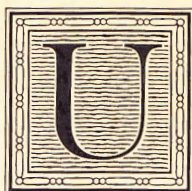
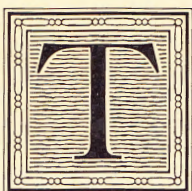
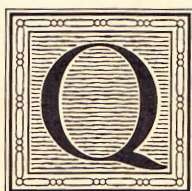
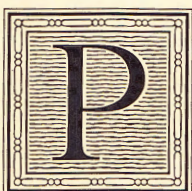
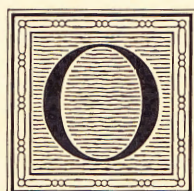
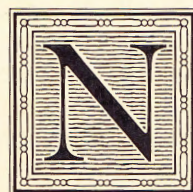
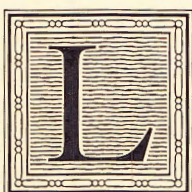
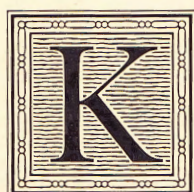
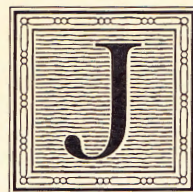
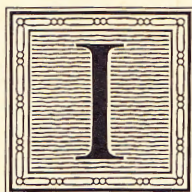
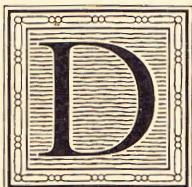
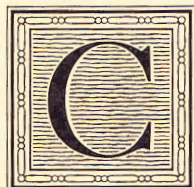
DECORATIVE MATERIAL



CASLON INITIALS

72 Point, per set (26 characters) \$7.00
Single character 50c

AMERICAN TYPE FOUNDERS COMPANY



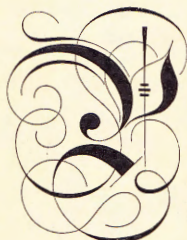
DECORATIVE MATERIAL

DUTCH INITIALS

Put up in sets of 25 characters



120 Point



84 Point



60 Point



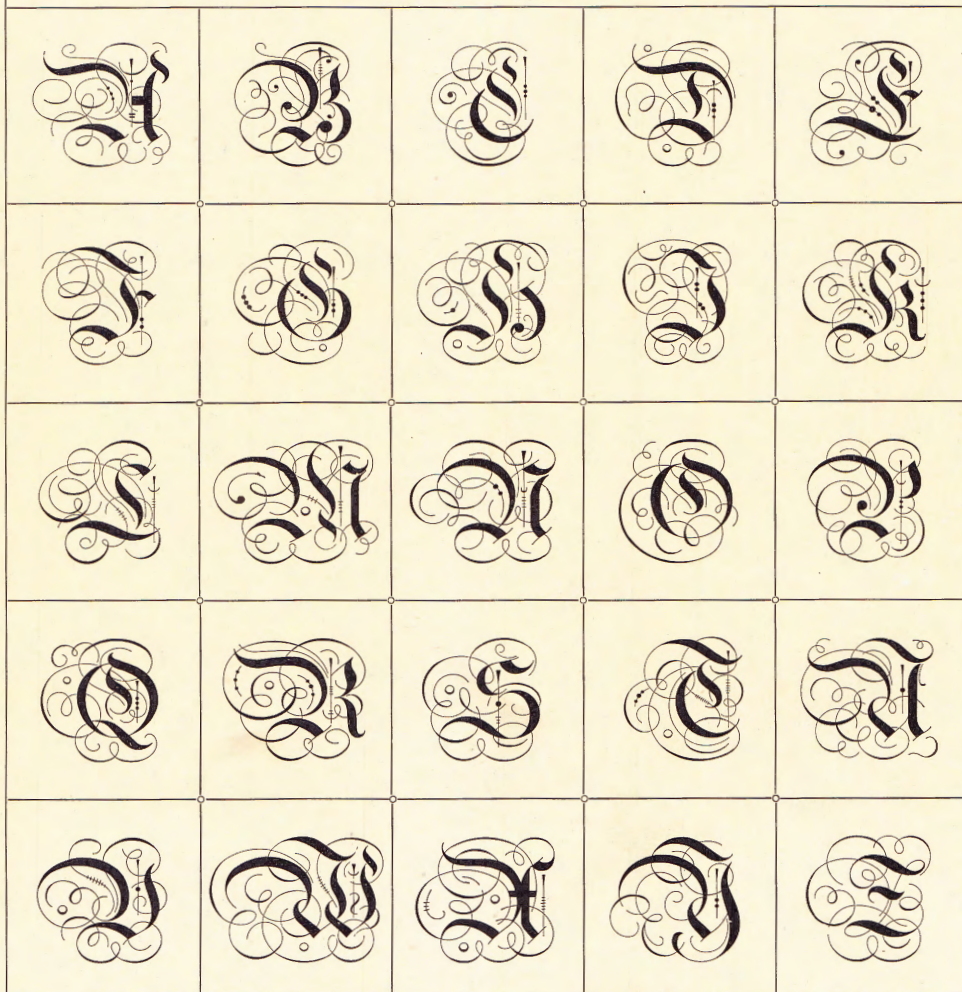
48 Point



42 Point

42 Point	Set \$2.75	Single character 35c
48 Point	Set 3.50	Single character 45c
60 Point	Set 5.00	Single character 50c
84 Point	Set 9.00	Single character 65c
120 Point	Set 16.00	Single character 90c

48 Point Dutch Initials



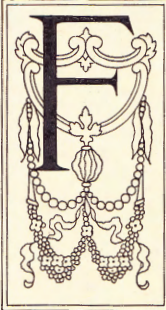
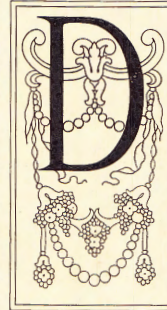
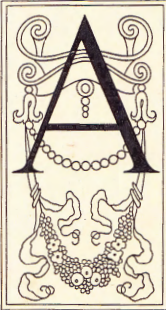
Dutch Initials in 42, 60, 84 and 120 Point sizes are carried in stock only at Foundry

DECORATIVE MATERIAL

VERSATILE INITIALS

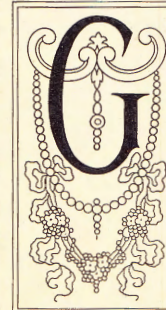
120 Point, per set (26 characters) \$8.00

Single character 60c



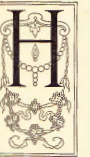
120 POINT VERSATILE INITIALS

No. 12066 A	No. 12075 J	No. 12084 S
No. 12067 B	No. 12076 K	No. 12085 T
No. 12068 C	No. 12077 L	No. 12086 U
No. 12069 D	No. 12078 M	No. 12087 V
No. 12070 E	No. 12079 N	No. 12088 W
No. 12071 F	No. 12080 O	No. 12089 X
No. 12072 G	No. 12081 P	No. 12090 Y
No. 12073 H	No. 12082 Q	No. 12091 Z
No. 12074 I	No. 12083 R	



60 Point, per set (26 characters) \$4.00

Single character 35c



60 POINT VERSATILE INITIALS

No. 6066 A	No. 6075 J	No. 6084 S
No. 6067 B	No. 6076 K	No. 6085 T
No. 6068 C	No. 6077 L	No. 6086 U
No. 6069 D	No. 6078 M	No. 6087 V
No. 6070 E	No. 6079 N	No. 6088 W
No. 6071 F	No. 6080 O	No. 6089 X
No. 6072 G	No. 6081 P	No. 6090 Y
No. 6073 H	No. 6082 Q	No. 6091 Z
No. 6074 I	No. 6083 R	



DECORATIVE MATERIAL

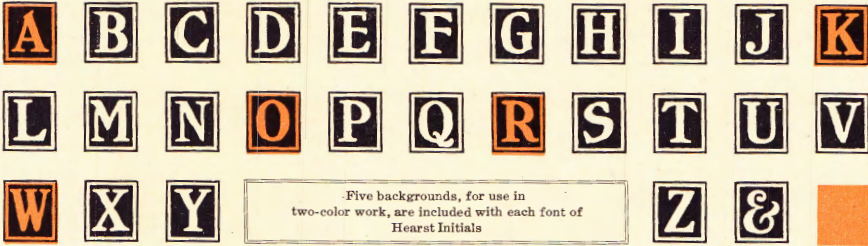
HEARST INITIALS

18 Point 3A font \$1.45 Four of one character 35c
24 Point 3A font \$2.30 Four of one character 35c
30 Point 3A font \$2.90 Two of one character 40c

36 Point 3A font \$4.20 Two of one character 40c
48 Point 3A font \$5.80 Two of one character 45c



24 Point Hearst Initials

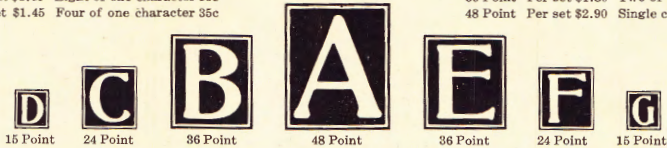


Hearst Initials in 18, 30, 36 and 48 Point sizes are carried in stock only at Foundry

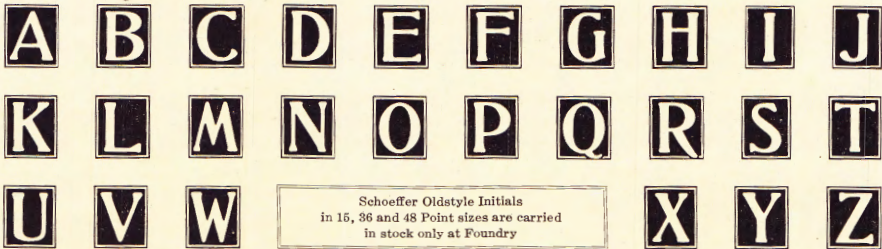
SCHOEFFER OLDSTYLE INITIALS

15 Point 3A font \$1.45 Eight of one character 35c
24 Point Per set \$1.45 Four of one character 35c

36 Point Per set \$1.80 Two of one character 40c
48 Point Per set \$2.90 Single character . . . 35c



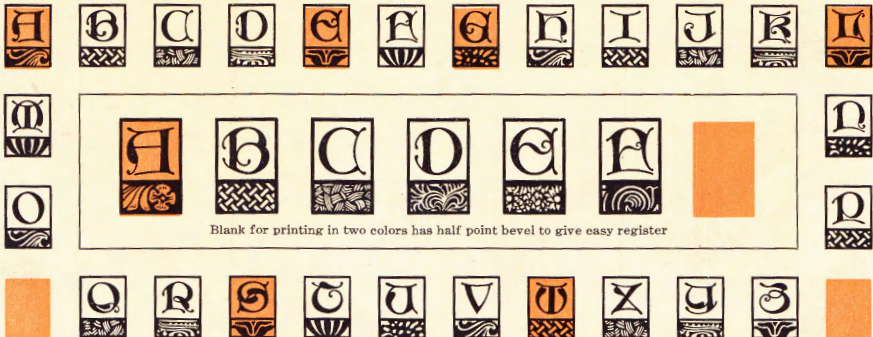
24 Point Schoeffler Oldstyle Initials



DEPARTMENT STORE INITIALS

24 Point 6A font \$2.90

36 Point 5A font \$3.85



Department Store Initials in 36 Point size are carried in stock only at Foundry

DECORATIVE MATERIAL

24 Point 5A font \$2.95

12, 18, 36, 48, 60 and 72 Point sizes carried in stock only at Foundry



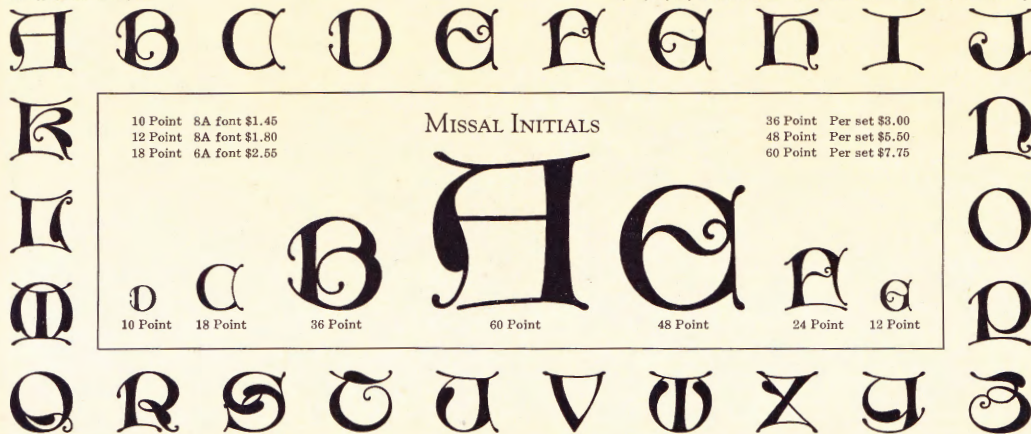
36 Point Per set \$2.25 Single character 2 for 40c

48, 60 and 72 Point sizes carried in stock only at Foundry



24 Point 5A font \$3.50

10, 12, 18, 36, 48 and 60 Point sizes carried in stock only at Foundry



DECORATIVE MATERIAL

CLOISTER INITIALS

144 Point

Single character \$1.00



144 POINT CLOISTER INITIALS
are made in 26 characters, A to Z inclusive,
but are not put up in sets. Blanks for
color work are also sold singly

48 Point, per set \$4.85

Single character 35c



Set includes one of each character and ten blanks

DECORATIVE MATERIAL

CLOISTER INITIALS

120 Point

Single character 85c



120 Point Cloister Initials are
not put up in sets

60 Point, per set \$6.00



Set includes one of each character and nine blanks

DECORATIVE MATERIAL

CLOISTER INITIALS

84 Point, per set \$10.00

Single character 55c



Cloister Initials are made in 26 characters
Sets include a liberal supply of blanks for color work

DECORATIVE MATERIAL

CLOISTER INITIALS

96 Point (Not put up in sets)



Cloister
Initials
are
made in
twenty-six
characters

Single character 65c



72 Point, per set (including blanks) \$7.85

Single character 50c



CLOISTER INITIALS ARE ACCURATELY CAST IN TYPE MOLDS

DECORATIVE MATERIAL

TORY INITIALS

72 Point, per set (24 characters) \$8.00

Single character 65c



7201



7202



7203



7204



7205



7206



7207



7208



7209



7210



7211



7212



7213



7214



7215



7216



7217



7218



7219



7220



7221



7222



7223



7224

DECORATIVE MATERIAL

VERSATILE INITIALS

72 Point, one color, per set (24 characters) \$6.00

72 Point, two colors, per set (48 characters) \$12.00

Single character, one color 50c; two colors 90c



7240 A	7246 G	7252 M	7259 T
7241 B	7247 H	7253 N	7260 U
7242 C	7248 I	7254 O	7261 V
7243 D	7249 J	7255 P	7262 W
7244 E	7250 K	7257 R	7263 X
7245 F	7251 L	7258 S	7264 Y



48 Point, one color, per set (24 characters) \$3.50

48 Point, two colors, per set (48 characters) \$7.00

Single character, one color 35c; two colors 65c



4840



4841



4842



4843



4844



4845



4846



4847



4848



4849



4850



4851



4852



4853



4854



4855



4857



4858



4859



4860



4861



4862



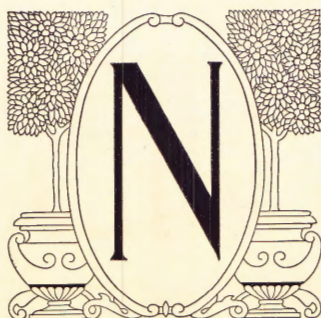
4863



4864

DECORATIVE MATERIAL

VERSATILE INITIALS

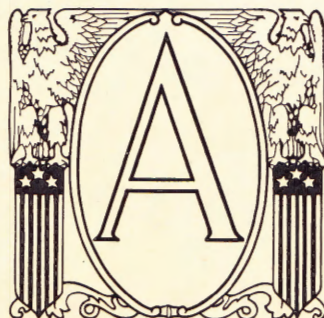


12007—85c

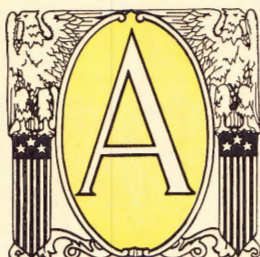
Cast in type molds
point set
and cut extra deep



7204—50c



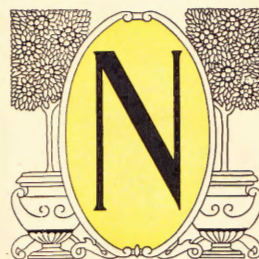
12005—85c



9602—65c Two colors \$1.20



9604—65c Two colors \$1.20



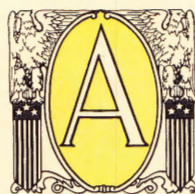
9601—65c Two colors \$1.20



7205—50c Two colors 90c



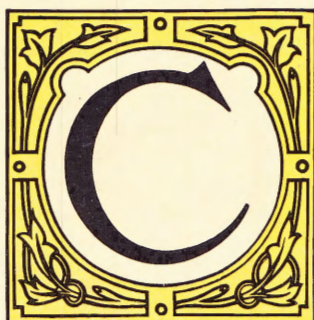
7203—50c



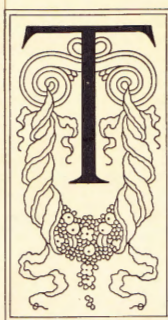
7202—50c Two colors 90c



7208—50c



12008—85c Two colors \$1.55



12009—60c



12010—85c

AMERICAN TYPE FOUNDERS COMPANY

DECORATIVE MATERIAL

CINCINNATI INITIALS



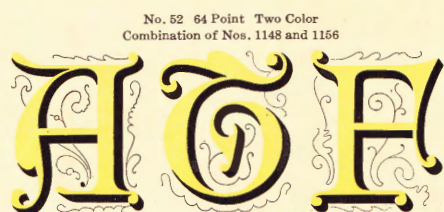
No. 1160 64 Point Ornamental

Per set \$4.25 Single character 45c



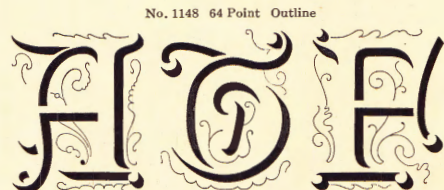
No. 1156 64 Point Plain

Per set \$4.25 Single character 45c



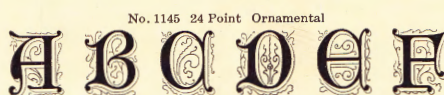
No. 52 64 Point Two Color
Combination of Nos. 1148 and 1156

Per set, two colors \$7.25 Single character, two colors 80c



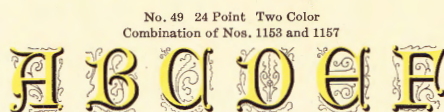
No. 1148 64 Point Outline

Per set \$4.25 Single character 45c



No. 1145 24 Point Ornamental

Per set \$1.10 Single character 4 for 35c



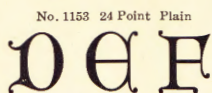
No. 49 24 Point Two Color
Combination of Nos. 1153 and 1157

Per set, two colors \$2.05 Single character, two colors 2 for 35c



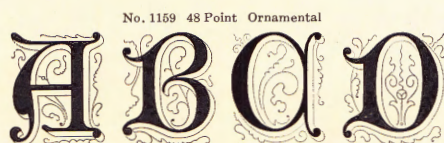
No. 1157 24 Point Outline

Per set \$1.10
Single character 4 for 35c



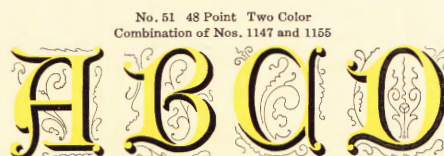
No. 1153 24 Point Plain

Per set \$1.10
Single character 4 for 35c



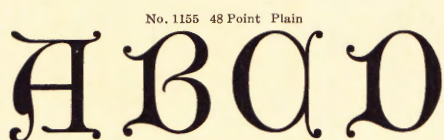
No. 1159 48 Point Ornamental

Per set \$2.25 Single character 2 for 45c



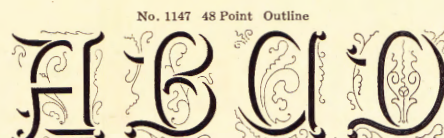
No. 51 48 Point Two Color
Combination of Nos. 1147 and 1155

Per set, two colors \$3.80 Single character, two colors 45c



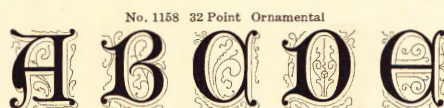
No. 1155 48 Point Plain

Per set \$2.25 Single character 2 for 45c



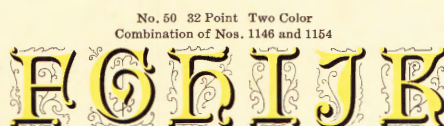
No. 1147 48 Point Outline

Per set \$2.25 Single character 2 for 45c



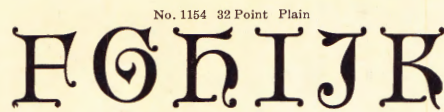
No. 1158 32 Point Ornamental

Per set \$1.80 Single character 2 for 40c



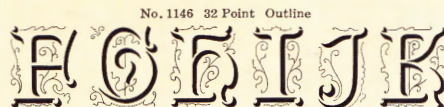
No. 50 32 Point Two Color
Combination of Nos. 1146 and 1154

Per set, two colors \$3.50 Single character, two colors 40c



No. 1154 32 Point Plain

Per set \$1.80 Single character 2 for 40c



No. 1146 32 Point Outline

Per set \$1.80 Single character 2 for 40c

DECORATIVE MATERIAL

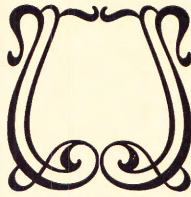
SECTIONAL INITIAL FORMERS

Group H, one of each character

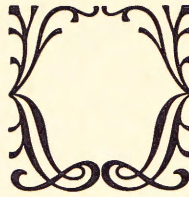
Per font \$3.00



7201—60c



7202—60c



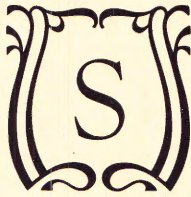
7203—60c



7204—60c



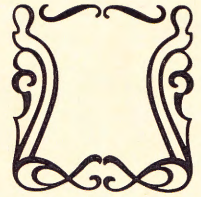
7205—60c



7206—60c



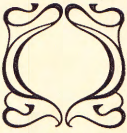
7207—60c



7208—60c

Group I, one of each character

Per font \$2.75



4809—45c



4810—45c



4811—45c



4812—45c



4813—45c



4814—45c



4815—45c



4816—45c



4817—45c



4818—45c



4819—45c

WOOD-CUT MORTISED INITIAL SQUARES

Each design is made in three sizes: 72 point, 96 point and 120 point

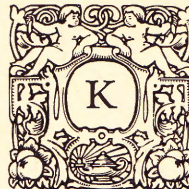
Nos. 7223, 7224, 7225 and 7226 are cast on 72 point body; Nos. 9623, 9624, 9625 and 9626 are cast on 96 point body; Nos. 12023, 12024, 12025 and 12026 are cast on 120 point body



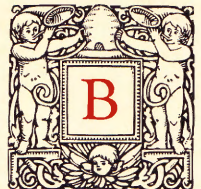
7223—60c
9623—75c
12023—95c



7224—60c
9624—75c
12024—95c



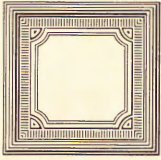
7225—60c
9625—75c
12025—95c



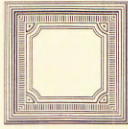
7226—60c
9626—75c
12026—95c

DECORATIVE MATERIAL

AMERICAN MORTISED ORNAMENTS



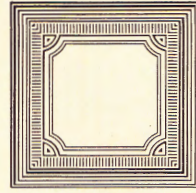
6001-65c



4801-55c



3601-35c



7201-75c

BODONI MORTISED ORNAMENTS



12002-95c

The
Finishing Touch
that adds
Neatness and
Life to the
Printed Page



12003-95c



7203-60c



12001-95c



7201-60c



7202-60c



8403-65c

AMERICAN
TYPE FOUNDERS
COMPANY



9601-75c



9603-75c



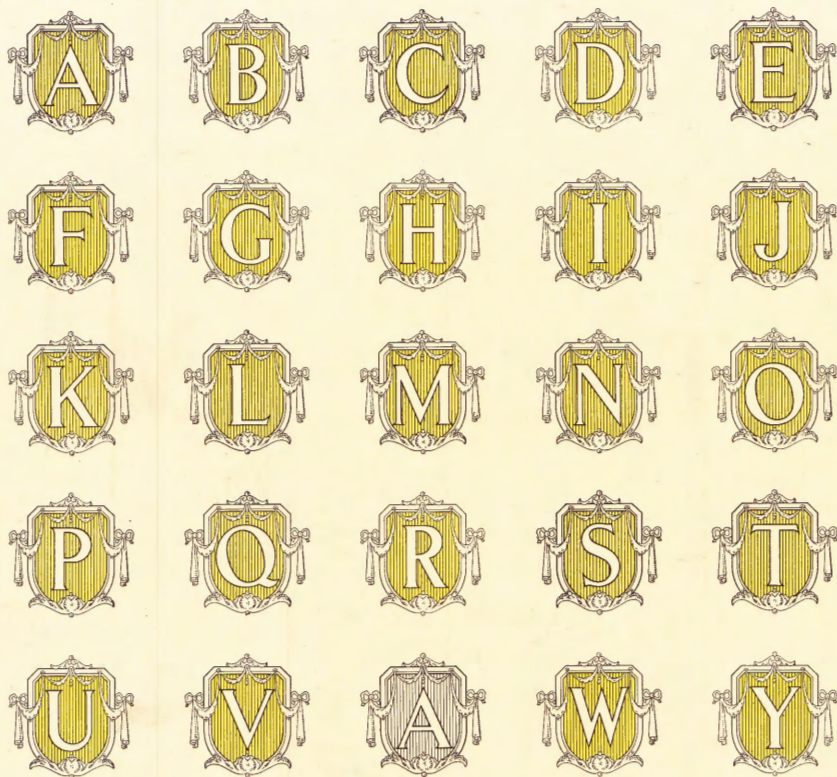
9602-75c

DECORATIVE MATERIAL

STATIONERS INITIALS

48 Point, one color, per set (24 characters) \$4.50
Single character, one color 45c

48 Point, two colors, per set (48 characters) \$9.00
Single character, two colors 80c



36 Point, one color, per set (24 characters) \$2.50
Single character, one color 30c

36 Point, two colors, per set (48 characters) \$5.00
Single character, two colors 55c



A GOOD INVESTMENT

*Up-to-Date Initial Letters
for the Job Room*



A WELL SELECTED variety of Initial Letters invariably proves to be an excellent investment and yet how comparatively few are the printing offices in which a good assortment is available. Decorative initials have been in use since the invention of printing, and they have constantly increased in popularity. The best examples of printing of to-day are frequently illuminated with an appropriate initial and printed in one or more colors.

AMERICAN
TYPE FOUNDERS COMPANY

*An Attractive Initial Often
Means an Effective Job*



H. D. STEVENS
PRINTER • ENGRAVER

HIGHLAND ROAD
BOSTON

the intention of
familiarize the buyer
engraving with the
his products are
behind them. The
most and to give the best must
ear in all his work and dealings. If
our work requires quality printing,
last and always, it will pay to look
the merits of the Stevens Service

HAND-SET COMPOSITION
ENSURES SUPERIOR SPACING
ON ALL OUR WORK



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SUBSCRIPTION \$5.00 A YEAR ADVERTISING RATES ON REQUEST

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ARCHIBALD WILLIAMSON, *Editor*

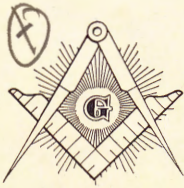
NEW YORK CITY

Business Office and Editorial Department, 123 Washington Street
Represented in Chicago, St. Louis and Portland

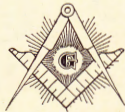
DECORATIVE MATERIAL

FRATERNAL AND SOCIETY EMBLEMS

Cast in Type Molds



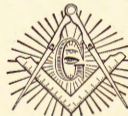
A1-45c



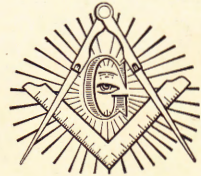
A2-35c



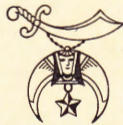
A3-2 for 45c



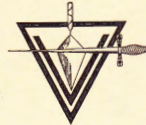
A4-35c



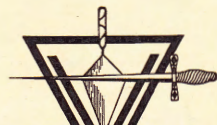
A5-50c



A7-35c



A10-40c



A11-50c



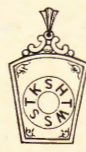
A8-2 for 40c



A9-4 for 35c



A14-40c



A15-35c



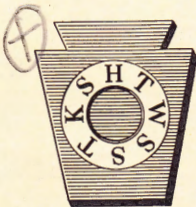
A16-3 for 45c



A12-3 for 40c



A13-2 for 45c



A23-45c



A17
4 for 35c



A18-2 for 40c



A19-50c



A20
4 for 35c



A21-2 for 40c



A22-50c



A24-35c



A25-35c



A26-2 for 40c



A27
3 for 40c



A28-2 for 45c



A30-35c



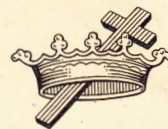
A34-40c



A33-35c



A32-2 for 45c



A29-45c



A31-35c



A35-2 for 45c



A36-3 for 45c



A37-40c



A38-40c

DECORATIVE MATERIAL

FRATERNAL AND SOCIETY EMBLEMS

Cast in Type Molds



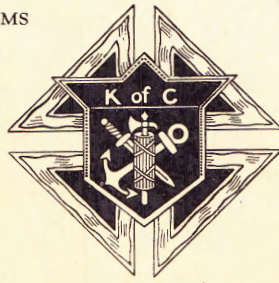
A39-60c



A40-45c



A42-40c



A43-75c



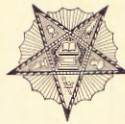
A41-2 for 45c



A51-35c



A54-35c



A57-35c



A44-35c



A52-2 for 45c



A55-35c



A56-35c



A49-2 for 45c



A46-35c



A64
3 for 40c



A60
4 for 35c



A63
2 for 40c



A62
4 for 35c



A59
2 for 40c



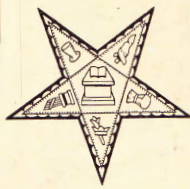
A53
3 for 40c



A47
2 for 40c



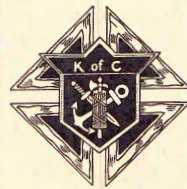
A65-45c



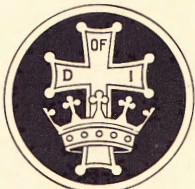
A58-50c



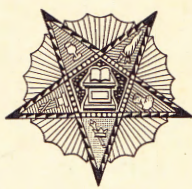
A48-50c



A45-50c



A66-50c



A61-50c



A67-45c



A50-45c



A69-35c



A70-35c



A71-35c



A72-35c

DECORATIVE MATERIAL

FRATERNAL AND SOCIETY CUTS

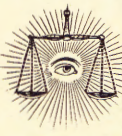
Cast in Type Molds



A73-45c



A74-35c



A75-45c



A76-35c



A77-40c



A78-35c



A79-40c



A80-45c



A81
2 for 40c



A82-35c



A83-50c
A84 (two colors) 90c



A85-45c
A86 (two colors) 80c



A87-2 for 40c
A88 (two colors) 40c



A89-65c
A90 (two colors) \$1.10



A95
4 for 35c



A94
2 for 35c



A93
2 for 40c



A92
2 for 40c



A91
2 for 45c



A96-35c



A97
2 for 40c



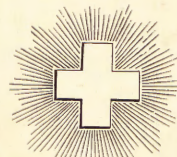
A98-45c



A99-40c



A100-35c



A101-50c

ELZEVIR FLORETS

GROUP D

Per font (four of each character) \$2.20



35



32



33



43



41



44



42



31



30



29



34

LITHOTONE ORNAMENTS



3
2 for 45c



15
2 for 45c



16
2 for 45c



4
2 for 45c



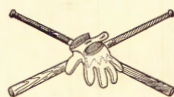
8-35c



26-35c

DECORATIVE MATERIAL

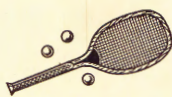
MISCELLANEOUS CAST CUTS



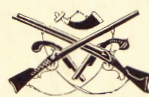
A102-40c



A103-35c



A104-40c



A105-35c



A106-35c



A107-2 for 40c



A108-35c



A109-2 for 45c



A110-40c



A111-40c



A112-2 for 40c



A113-40c



A114-2 for 45c



A115-40c



A119-40c



A116-4 for 35c



A117-3 for 45c



A118-3 for 45c



A120-2 for 40c



A121-2 for 40c



A122-35c



A123-2 for 45c



A124-2 for 45c



A125-35c



A126-35c



A127-40c



A128-40c



A129-45c



A130-35c



A131-2 for 45c



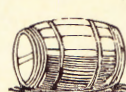
A132-2 for 45c



A133-2 for 40c



A134-2 for 40c



A135-2 for 45c



A136-2 for 45c



A137-35c



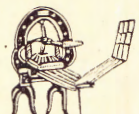
A138-35c



A139-2 for 45c



A140-2 for 40c



A141-35c



A142-35c



A143-2 for 45c



A144-2 for 45c



A145-3 for 40c



A146-3 for 40c



A147-8 for 35c



A148-3 for 45c



A149-3 for 45c



A150-3 for 40c



A151-3 for 45c



A152-2 for 40c



A153-2 for 45c

DECORATIVE MATERIAL

MISCELLANEOUS CAST CUTS



A154-50c



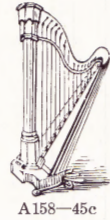
A155-40c



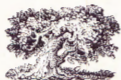
A156-40c



A157-40c



A158-45c



A159-2 for 45c



A160-35c



A161-2 for 45c



A162
2 for 40c



A163-2 for 45c



A164-6 for 35c



A165-2 for 40c



A166-35c



A167-2 for 40c



A168-2 for 45c



A169-2 for 40c



A170-2 for 40c



A171-35c



A172-35c



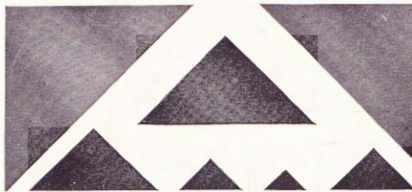
A173-2 for 40c



A174
3 for 40c

ANGULAR QUADS

Angular Quads range in sizes from 12 points to 72 points. Each font contains twenty-eight pieces, conveniently assorted to meet all ordinary requirements, but when additions are needed sorts can be added at the prices listed.



12, 18, 24, 36, 48, 60 AND 72 POINT ANGULAR QUADS

PRICES PER SET OF FOUR

12 Point..\$0.35	24 Point..\$0.35	60 Point..\$0.50
18 Point.. .35	36 Point.. .40	72 Point.. .60
	48 Point.. .45	

PRICE OF ANGULAR QUADS

Complete font, four of each size.....\$2.20

BEVELED QUADS

Each font contains an assortment of bodies with sufficient pieces to make up any ordinary size rule form.

Font, 45 degrees \$3.50	Font, 60 degrees \$2.75
Font, 54 degrees 3.15	Font, 72 degrees 5.00
	Font, 78 degrees \$5.00

BEVELED FOOT SLUGS

BRASS AND METAL

	Single Column	Double Column
Brass Foot Slugs, 12 Point.....	\$0.10	\$0.20
Brass Foot Slugs, 18 Point.....	.15	.30
Brass Foot Slugs, 24 Point.....	.20	.40
Metal Foot Slugs, 12 Point.....	.03	.06
Metal Foot Slugs, 18 Point.....	.05	.09
Metal Foot Slugs, 24 Point.....	.06	.12

CORNER QUADS—BRASS AND METAL

Better junctions of mitered corners can be had by using Corner Quads, as their use prevents rules from slipping. Made in both brass and metal.

For prices see
page 858

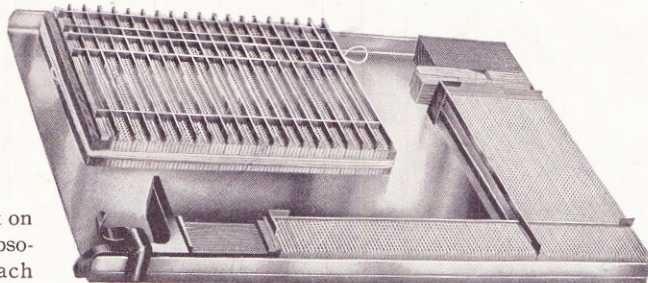
THE TYPOTABULAR SYSTEM

TYPOTABULAR SQUARES AND ACCESSORIES

PATENTED AUGUST 15, 1916

A LABOR-SAVING INVENTION

To the printing office doing either a large amount or a limited amount of blank ruled forms the Typotabular System should be of interest. This invention simplifies, expedites and greatly reduces cost of composition on tabular and blank work, besides giving a much improved appearance to the finished job. The saving is not alone in the cost of composition, but in the time required to "cast off" or calculate widths of columns in tabular, figure or blank work, such as sales slips, vouchers, time slips, cost slips, blank book headings, billheads, statements and many other jobs of printing done in every composing room.



Typotabular Squares are cast on one-em 6 point body. They are absolutely uniform. The top of each Square is shaped as a four-sided pyramid, and when they are assembled V-shaped channels are automatically formed running at right angles, six points apart, into which rules may be inserted at any multiple of six points without effort and without prying apart Squares.

The illustration above represents a form, 30x41 ems, composed from an area of Typotabular Squares 36x54 ems, the unused portion being left locked on galley. After form is printed the job is brought back to the galley, the rules taken out and replaced in the case and the area of 36x54 ems is again intact, ready for the next job which will fall within that measure. Any size area of Squares can be used, another popular size being 9x12 inches, which is composed on a 12x18 galley.

The prime advantage in using Typotabular Squares is that blank forms are set without any composition other than selecting and inserting the rules, the blank spaces setting themselves automatically.

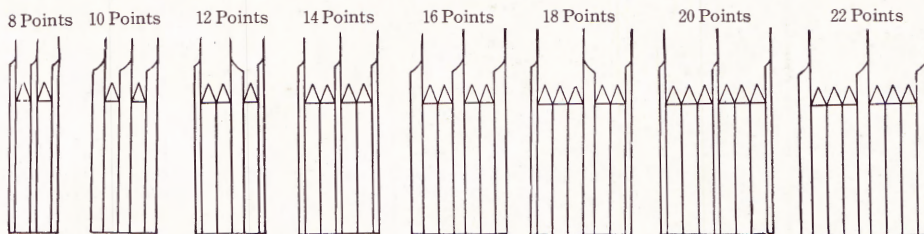
PRICES OF FONTS AND ACCESSORIES

Typotabular Squares, font contains 27 square inches (about six pounds)	Per font \$5.40
Typotabular Squares, 8 fonts or over	Per font 5.00
Typotabular Foot Slugs, containing assortment of special 12 point slugs in lengths from one to ten ems by halves	2.00
Typotabular Galley End Lock and Dividers for 1 font (27x36 ems)	1.50
Typotabular Galley End Lock and Dividers for 2 fonts (36x54 ems)	1.75
Typotabular Galley End Lock and Dividers for 3 fonts (36x81 ems)	2.00
Typotabular Galley End Lock and Dividers for 4 fonts (54x72 ems)	2.25
Typotabular Galley End Lock only .....	.75

The Typotabular Galley End Lock is made to fit on the Pressed Steel Galleys, but can be adjusted to fit on most styles of All-Brass Galleys

DIAGRAM OF THE TYPOTABULAR METHOD

That the proper system for obtaining the various widths of "feints" or cross rules may be easily understood, we have prepared the diagram below showing the method of using 2 point and 4 point side-bevel brass rule. While side-bevel brass rules are not essential for the satisfactory use of Typotabular Squares, more combinations are possible with their use than with center-face rules.



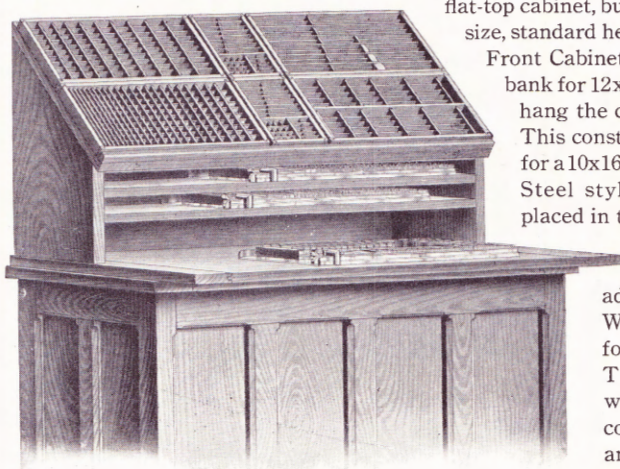
The diagram beginning with 8 point shows graduation by 2 points, viz: 8, 10, 12, 14, 16, 18, 20 and 22 points, by use of 2 and 4 point side-face rules (or instead of 4 point rule use 2 point rule with a 2 point high lead). If intermediate ruling is necessary, 7, 13, 19, 25, 31 points, etc., can be made with 1 point rule, and 9, 12, 15, 18, 21, 24, 27, 30, 33, etc., can be made with 3 point side-face rule.

THE TYPOTABULAR SYSTEM

THE TYPOTABULAR WORKING TOP

A GREAT CONVENIENCE

There is no other cabinet or piece of printers' furniture on the market that is exactly adapted to the needs of the Typotabular Square System. The Typotabular Working Top can be set on any



SHOWING THE TYPOTABULAR WORKING TOP PLACED ON A SINGLE FLAT-TOP CABINET

flat-top cabinet, but is specially designed for the full size, standard height No. 2220 Flat-Top Extension Front Cabinet. To allow room in front of the bank for 12x18 galley, the top is made to overhang the cabinet in front about five inches. This construction gives space on each shelf for a 10x16 and a 12x18 galley of the Pressed Steel style. Two 8¾x13 galleys can be placed in the compartment under the bank,

which is hinged at the top, or this space can be utilized for additional quarter cases. With this Working Top everything needed for setting blank rule forms by the Typotabular Square System is within easy reach. The galleys, complete with galley locks, dividers and Squares, are instantly available. When the form has been composed, the galley with the unused portion of Squares is returned to the shelf,

to be taken out again to receive the Squares when the job has been run off. The rule is quickly removed and placed in the cases.

Typotabular Working Top only. Price.....\$40.00
Typotabular Working Top with Cases, as shown above. Price..... 50.25

TABULAR RULE CASES

NOS. 10, 11, 12, 13, 14 AND 15 FIT FOUR IN A BLANK CASE

These cases have been designed to meet the need of ample room for the short lengths of rules. In Nos. 10, 11, 12, 14 and 15, the compartments hold 20 pieces of 2 point rule, a convenient amount to pick up for insertion in a tabular form. They are especially desirable for setting blanks by the Typotabular Square System, as the small compartments enable the compositor to use two or three rows for Typotabular Metal Foot Slugs, two rows for 6 point slugs, four rows for 2 point rule, etc., changing the layout to suit the particular requirements. Eight faces of 6 point Typotabular Gothics are made on en and em bodies especially for tabular blank forms. The capacity of the cases indicated below is based on 2 point rule.

No. 10 TABULAR RULE CASE
Size, 7¾ x 15½ in. Weight, 19 ozs.
Holds 600 pieces each 1 to 3 ems by ½ ems and 400 pieces each 3½, 4, 4½ and 5 ems. Price.....\$2.50

No. 11 TABULAR RULE CASE
Size, 7¾ x 15½ in. Weight, 18 ozs.
Holds 200 pieces each length 5½ to 10 ems by ½ ems. Price.....\$2.25

No. 12 TABULAR RULE CASE
Size, 7¾ x 15½ in. Weight, 18 ozs.
Holds 100 pieces each length 11 to 20 ems by ems. Price.....\$2.00

No. 13 TABULAR RULE CASE
Size, 7¾ x 15½ in. Weight, 18 ozs.
Holds 30 pieces each length 21 to 36 ems by ems. The 35 and 36 em com-

partments are long enough for 55 and 56 em pieces. Price.....\$2.00

No. 14 TABULAR RULE CASE
Size, 7¾ x 15½ in. Weight, 17 ozs.
Holds 20 pieces each length 37 to 50 ems by ems. It has extra compartments for 36 and 37 ems and one long compartment the length of the case, 87 ems. Price.....\$2.00

No. 15 TABULAR RULE CASE
Size, 7¾ x 15½ in. Weight, 19 ozs.
Holds 300 pieces each length 1 to 3 ems by ½ ems; 200 pieces each length 3½, 4, 4½ and 5 ems; 100 pieces each 5½ to 10 ems by ½ ems. Price..\$2.50

No. 16 TABULAR RULE CASE
Size, 3¾ x 7¾. Weight, 8 ozs. Holds short pieces of rule cut to points.

Compartments for 25, 26, 27, 28, 29, 31, 32, 33, 34 and 35 points. Also compartments for pieces 1 and 2 points longer than 3, 3½, 4, 4½, 5, 5½, 6, 6½, 7, 7½ ems, these being the usual sizes of box headings. Price.....\$1.00

No. 17 TABULAR RULE CASE
Size, 7¾ x 7¾ in. Weight, 11 ozs.
Holds 400 pieces each length 1 to 3 ems by ½ ems and 200 pieces each 3½ and 4 ems. Price.....\$1.00

No. 3197 MIDGET LEAD CASE
Size, 5x7¾. Weight, 10 ozs. Three occupy the same space as a quarter case and are designed to hold fonts of 1 point brass, or 2 or 3 point metal American Line Leads, cut from 1 to 20 ems by ½ ems. Price, case only..\$0.75

Tabular Rule Cases are illustrated on page 864 of this catalogue

THE TYPOTABULAR SYSTEM

EXAMPLES SET WITH TYPOTABULAR SQUARES

[illegible][illegible]

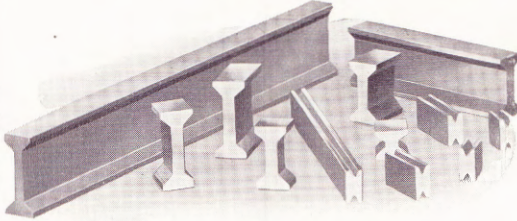
Above examples set with Typotabular Squares and Typotabular Gothic. Pamphlet explaining use of same sent upon request

SPACING MATERIAL

LABOR-SAVING

RAILROAD OR REVERSIBLE FURNITURE

Specially adapted for margins between pages but useful for general blanking out. Accurately finished in 2, 3, 4, 5, 6, 8, 9 and 10 em widths and cut any desired length by points, 12 point ems, or inches, up to 16½ inches or 99 ems.



LABOR-SAVING RAILROAD OR REVERSIBLE FURNITURE

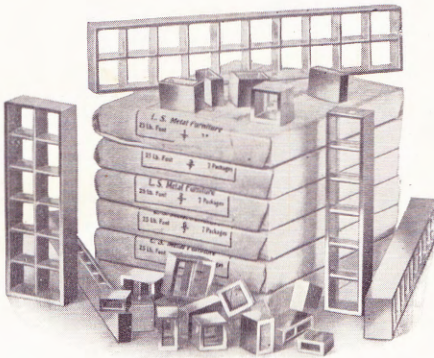
APPROXIMATE WEIGHT PER INCH

2 ems wide . . . 1¼ ounces	6 ems wide . . . 3¼ ounces
3 ems wide . . . 1¾ ounces	8 ems wide . . . 3¾ ounces
4 ems wide . . . 2¼ ounces	9 ems wide . . . 3½ ounces
5 ems wide . . . 2½ ounces	10 ems wide . . . 3¾ ounces

A 25 pound font of Railroad Furniture covers 150 square inches and is cut the same widths as Improved; any length to 16½ inches (99 ems).

LABOR-SAVING METAL FURNITURE

This popular design of metal furniture is cast from high grade metal and accurately finished with improved machinery.



LABOR-SAVING METAL FURNITURE

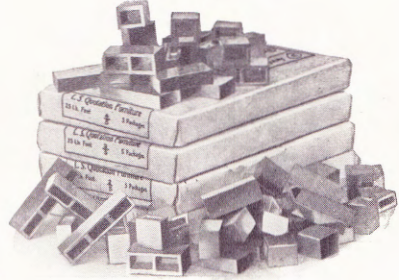
Made in 2, 3, 4, 5, 6, 8 and 10 em widths, and 4, 5, 6, 8, 10, 15, 20, 25, 30, 40 and 50 em lengths. The 25 pound font includes sizes from 2x4 to 10x25 ems. Fonts 50 pounds and larger include sizes from 2x4 to 10x50 ems.

CAPACITY OF FONTS. A 25 pound font of Improved Metal Furniture as regularly assorted covers 210 square inches, or about 8½ square inches to the pound. An assortment of smaller lengths, up to 10x12, will cover about 6½ square inches to the pound.

LABOR-SAVING

QUOTATION FURNITURE

The well known pattern with closed bottom which presents a smooth surface for electrotyping and stereotyping is cast from high grade

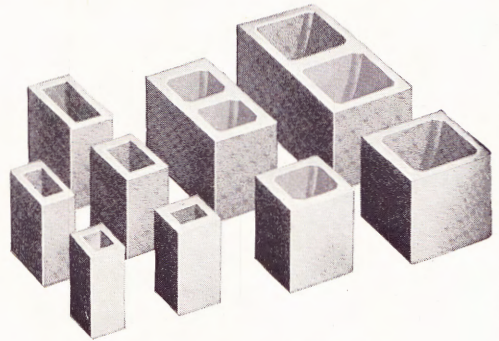


LABOR-SAVING QUOTATION FURNITURE

metal and accurately finished. Regular fonts contain 2, 3 and 4 em widths, and 4, 8, 12, 16 and 20 em lengths. Can also be cast to order in 2, 3 and 4 em widths and practically any length up to 80 ems. The regular 25 pound font of Quotation Furniture covers 166 square inches, and smaller lots in practically the same proportion.

LABOR-SAVING QUOTATION QUADS

Labor-Saving Quotation Quads are cast on regular type-casting machines and are just as accurate as type. Made in the following sizes:



LABOR-SAVING QUOTATION QUADS

Size in Points

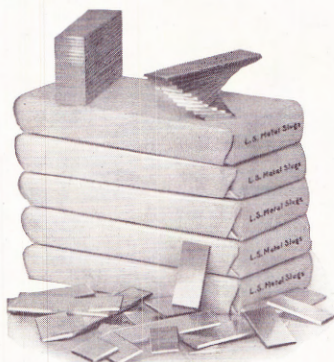
10x30	12x72	16x18	18x42	22x54	30x36	42x42
10x60	14x14	16x24	18x48	22x60	30x42	42x72
10x72	14x16	16x30	18x54	22x72	30x48	48x48
12x12	14x18	16x32	18x60	24x24	30x54	48x54
12x14	14x24	16x36	18x72	24x30	30x60	48x60
12x16	14x28	16x42	18x96	24x36	30x72	48x72
12x18	14x30	16x48	20x30	24x42	36x36	48x96
12x24	14x36	16x60	20x36	24x48	36x42	48x120
12x30	14x42	16x72	20x72	24x54	36x48	54x72
12x36	14x48	18x18	22x24	24x60	36x54	60x60
12x42	14x54	18x22	22x30	24x72	36x60	60x72
12x48	14x60	18x24	22x36	24x96	36x66	72x72
12x54	14x72	18x30	22x42	24x120	36x72	
12x60	16x16	18x36	22x48	30x30	36x96	

SPACING MATERIAL

AMERICAN METAL LEADS AND SLUGS

THE BEST ON THE MARKET

Regular height is $\frac{3}{4}$ inch. Furnished in 24 inch strips in 1, 1½, 2, 3, 4, 5, 5½, 6, 8, 10, 12, 18, 24, 30, 36 and 48 point. High leads and slugs, $\frac{7}{8}$ inch, furnished in 2, 6 and 12 point. Send for price list of leads, slugs and metal furniture.



LABOR-SAVING SLUGS

LABOR-SAVING LEADS AND SLUGS

A 25 pound font of 2 point labor-saving leads is composed of sixty-one pieces each size, 4 to 25 ems inclusive. Other sized fonts in proportion. Special scheme fonts can be made up to any desired scheme. Packages of 5 pounds are made up and carried in stock in all lengths from 4 to 25 ems. Other lengths are cut to order, but can be obtained on short notice. See page 1029 for size of font of metal leads and slugs for Cut-Cost Type Cabinet.

AMERICAN LINE LEADS FOR RAPID JUSTIFICATION

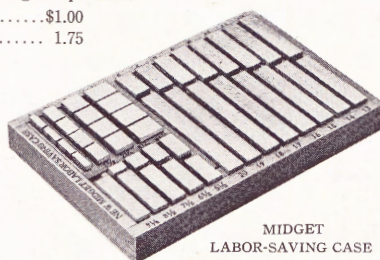
These are special fonts of labor-saving leads, cut from 1 em to 20 ems for use in lining type cast on American Line or the lining system of other foundries. These fonts are cut from 1 point, 2 point and 3 point leads, and put up as follows:

One Point Brass Leads—Font contains 35 pieces each 1, 2, 3 and 4 ems; 6 pieces each 1½ to 9½ ems, half em sizes only; and 6 pieces each 5 to 20 ems graduated by 12 point ems. Font weighs 1 pound.	
Price, without case.....	\$2.00
Price, with Midget Case.....	\$2.75
Two Point Metal Leads—Font contains 60 pieces each 1, 2, 3 and 4 ems; 10 pieces each 1½ to 9½ ems, half em sizes only; 10 pieces each 5 to 20 ems graduated by 12 point ems. Font weighs 4 pounds.	
Price, without case.....	\$1.00
Price, with Midget Case.....	\$1.75
Three Point Metal Leads—Font contains 40 pieces each 1, 2, 3 and 4 ems; 7 pieces each 1½ to 9½ ems, half em sizes only; 7 pieces each 5 to 20 ems graduated by 12 point ems. Font weighs 4 pounds.	
Price, without case.....	\$1.00
Price, with Midget Case.....	1.75

MIDGET LABOR-SAVING CASE

The Midget Labor-Saving Case has twenty-nine compartments and will hold either four fonts of 1 point brass or one font of 2 point or 3 point metal. Size of case, 4⅞ x 8½ inches. The Midget Case filled with short lengths of leads is exceedingly handy for the compositor, and will save many unnecessary trips to the main lead and slug case.

Midget Labor-Saving Case No. 3197. Price\$0.75



MIDGET LABOR-SAVING CASE

TWO POINT METAL SPACES

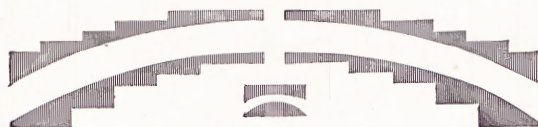
Put up in 4 ounce cartons, in sizes 12 point to 72 point

CIRCULAR QUADS

The font is made up of ninety-six pieces, cast in the following lengths: Sixteen pieces of 12 picas, sixteen pieces of 9 picas, sixteen pieces of 7 picas, sixteen pieces of 6 picas, sixteen pieces of 5 picas, and sixteen pieces of 3 picas. The various pieces are quickly adjusted with quads and leads to make the required circles. For label and similar work Circular Quads will quickly pay for themselves.

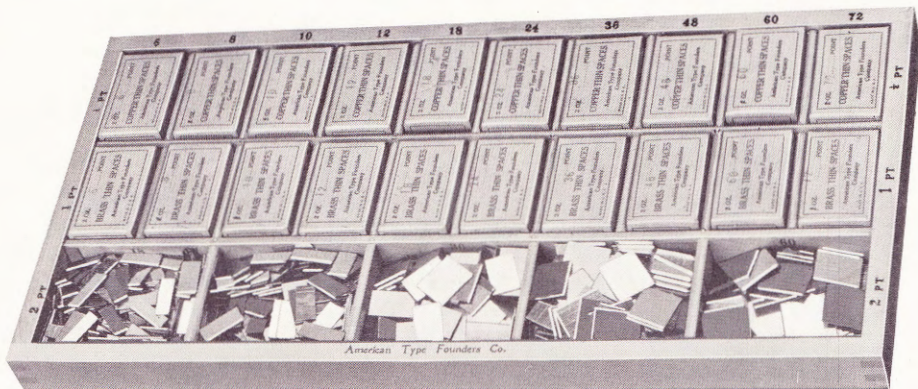
Accompanying illustration shows some of the pieces in the font of Circular Quads considerably reduced in size.

Circular Quads, put up in a neat box. Price per font.....\$4.85



CIRCULAR QUADS (ILLUSTRATION CONSIDERABLY REDUCED)

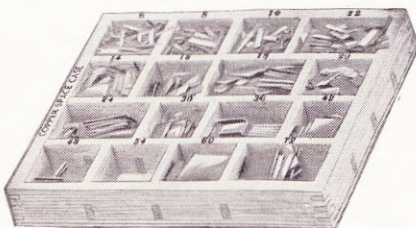
SPACING MATERIAL



BRASS AND COPPER THIN SPACES

MAKE JUSTIFICATION SO EASY THAT NO COMPOSING ROOM SHOULD BE WITHOUT THEM

That these Thin Spaces may be readily distinguished, the Half Point are made of Copper and the One Point are made of Brass.



STYLE OF FONTS NOS. 1, 2 AND 3

ASSORTMENT No. 1—One-half Point Copper Thin Spaces. This font includes assortment of 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36, 42, 48, 60 and 72 Point sizes, put up in wooden case, 16 ounces.

Price, including case\$2.60

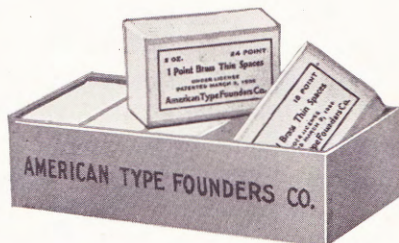
ASSORTMENT No. 2—One Point Brass Thin Spaces. This font includes assortment of 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36, 42, 48, 60 and 72 Point sizes, put up in wooden case, 16 ounces.

Price, including case\$2.60

ASSORTMENT No. 3—Assorted One-half Point Copper and One Point Brass Thin Spaces. This font includes an equal amount of both One-half Point Copper and One Point Brass Thin Spaces cut the following sizes: 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36, 42, 48, 60 and 72 Point, put up in wooden case, 16 ounces.

Price, including case\$2.60

Single two ounce packages, either brass or copper, any size\$0.30



STYLE OF FONTS NOS. 4, 5, 6, 7 AND 8

ASSORTMENT No. 4—One-half Point Copper Thin Spaces. This font includes a two ounce package each 12, 18, 24, 36 and 48 Point, 10 ounces.

Price\$1.25

ASSORTMENT No. 5—One Point Brass Thin Spaces. This font includes a two ounce package each 12, 18, 24, 36 and 48 Point, 10 ounces.

Price\$1.25

ASSORTMENT No. 6—One-half Point Copper and One Point Brass Thin Spaces. This font includes an assortment of two ounces of each of the following sizes: 12, 18, 24, 36 and 48 Point, 10 ounces.

Price\$1.25

ASSORTMENT No. 7—One-half Point Copper Thin Spaces. This font includes a two ounce package each 6, 8, 10, 12 and 18 Point, 10 ounces.

Price\$1.25

ASSORTMENT No. 8—One Point Brass Thin Spaces. This font includes a two ounce package each 6, 8, 10, 12 and 18 Point, 10 ounces.

Price\$1.25

BRASS OR COPPER THIN SPACES

ONE POUND PACKAGES

	Per lb.		Per lb.
5 Point	\$2.40	10 Point	\$2.20
5½ Point	2.40	11 Point	2.20
6 Point	2.40	12 Point	2.10
7 Point	2.40	14 and 16 Point	1.90
8 Point	2.40	18 and 20 Point	1.80
9 Point	2.40	24 Point and larger	1.70

AMERICAN THIN SPACES

MAKE JUSTIFICATION EASY

No. 20 American Thin Spaces, five pound font, including quarter case\$5.65

No. 20 American Thin Spaces include a five pound assortment of Half Point Copper and One Point Brass Thin Spaces and also of Two Point Metal Spaces, put up in the following proportions:

NO. 20A HALF POINT COPPER THIN SPACES

Include two ounces each cut 6, 12, 18, 24, 36 and 48 Point sizes, and one ounce each cut 8, 10, 60 and 72 Point sizes. Assortment weighs one pound. (Order as No. 20A.) Price, furnished separately\$2.00

NO. 20B ONE POINT BRASS THIN SPACES

Include two ounces each cut 6, 12, 18, 24, 36 and 48 Point sizes, and one ounce each cut 8, 10, 60 and 72 Point sizes. Assortment weighs one pound. (Order as No. 20B.) Price, furnished separately\$2.00

NO. 20C TWO POINT METAL SPACES

Include ten ounces each 18, 24, 36 and 48 Point sizes. Also eight ounces cut 60 Points. Weight, three pounds. (Order as No. 20C.) Price, furnished separately\$0.90



BRASS RULE

*And Other
Necessary Items for Use in the
Modern Composing
Room*



AMERICAN
TYPE FOUNDERS
COMPANY

The Best of Everything for the Printer



Brass Rule Department



THERE is nothing in a type form so difficult to underlay and overlay as brass rules; inaccurate brass rules are uneconomical. We have made a large money outlay during the past five years in designing machines for the manufacture of brass rule, and have been furnishing brass rule of the very highest quality and of hitherto unequalled accuracy as to body, height-to-paper and uniformity of weight of face. The machines are described below:

Benton Automatic Brass Rule Facing Machine

This machine, used exclusively by us, takes mill brass made by special machinery to ensure the utmost accuracy in bodies and automatically planes smooth the foot and planes on the top the desired face—hairline, $\frac{1}{4}$ point, 1 point, etc.—the strips delivered by the machine being exact height-to-paper from one end to the other with perfect uniformity of face, an exactitude never attainable in brass rule made on brass rule benches.

Benton Brass Rule Tools or Cutters

The uniformity of brass rule depends largely upon the tools or cutters making the line or lines. These are made of high grade steel and the face is guaranteed uniform by a method of grinding with diamond dust in a special machine designed by our Mr. L. B. Benton.

Sawing Brass Rule to Lengths

The reason our Labor-Saving and Cut Rule is always accurately cut to pica lengths lies in the construction of the saw, which has a unique method of taking up the wear in the bearings; and also in the accuracy of the steel gauges used by competent workmen of long experience in this process of the work. The rubbing and numbering operations are performed by specially designed automatically fed machines.

Lithotone Brass Rule

Lithotone and Open Square Brass Rules are made on a machine which absolutely guarantees that the fine lines are of standard weight and that the distance between a certain number of lines, center to center, is always exactly one 12 point em. With care in cutting and mitering, perfect results in printing may be obtained. We have special facilities for furnishing mitered pages of these rules.

BRASS RULE SHOWN IN SERIES

Unless otherwise noted, Brass Rules are made in 24 inch strips

HAIRLINE FACE IN CENTER		
No.	Body	Per Foot
100½	½ Point	\$0 10
100¾	¾ Point (20 to pica)	10
100⅞	⅞ Point (15 to pica)	10
1001	1 Point	10
1001¼	1¼ Point (10 to pica)	12
1001½	1½ Point	13
1002	2 Point	16
1003	3 Point	22
1004	4 Point	27
1005	5 Point	33
1005½	5½ Point	36
1006	6 Point	40
1007	7 Point	46
1008	8 Point	52
1009	9 Point	58
10010	10 Point	64
10011	11 Point	70
10012	12 Point	76

HAIRLINE FACE ON SIDE		
No.	Body	Per Foot
2002	2 Point	\$0 16
2003	3 Point	22
2004	4 Point	27
2006	6 Point	40
¼ POINT FACE IN CENTER		
1022	2 Point	16
1023	3 Point	22
1024	4 Point	27
1026	6 Point	40
¼ POINT FACE ON SIDE		
2022	2 Point	16
2023	3 Point	22
2024	4 Point	27
2026	6 Point	40
½ POINT FACE IN CENTER		
1042	2 Point	16
1043	3 Point	22
1044	4 Point	27
1046	6 Point	40

BRASS RULE SHOWN IN SERIES

Unless otherwise noted, Brass Rules are made in 24 inch strips

1/2 POINT FACE ON SIDE

No.	Body	Per Foot
2042	2 Point	\$0 16
2043	3 Point	22
2044	4 Point	27
2046	6 Point	40

3/4 POINT FACE IN CENTER

1062	2 Point	16
1063	3 Point	22
1064	4 Point	27
1066	6 Point	40

3/4 POINT FACE ON SIDE

2062	2 Point	16
2063	3 Point	22
2064	4 Point	27
2066	6 Point	40

1 POINT FACE IN CENTER

1082	2 Point	16
1083	3 Point	22
1084	4 Point	27
1086	6 Point	40

1 POINT FACE ON SIDE

No.	Body	Per Foot
2082	2 Point	\$0 16
2083	3 Point	22
2084	4 Point	27
2086	6 Point	40

1 1/2 POINT FACE ON SIDE

2102	2 Point	16
2103	3 Point	22
2104	4 Point	27
2106	6 Point	40

2 POINT FACE ON SIDE

2123	3 Point	22
2124	4 Point	27
2126	6 Point	40

SIDE FACE RULES

2146	(2 1/2)	6 Point	40
2166	(3)	6 Point	40
2186	(4)	6 Point	40

BRASS RULE SHOWN IN SERIES

Unless otherwise noted, Brass Rules are made in 24 inch strips

FULLFACE SERIES No. 115

No.	Body	Per Foot
1151½	½ Point	\$0 10
115¾	¾ Point (20 to pica)	10
115½	½ Point (15 to Pica)	10
1151	1 Point	10
1151½	1½ Point (10 to pica)	12
1151½	1½ Point	13
1152	2 Point	16
1153	3 Point	22
1154	4 Point	27
1155	5 Point	33
1155½	5½ Point	36
1156	6 Point	40
1157	7 Point	46
1158	8 Point	52
1159	9 Point	58
11510	10 Point	64
11511	11 Point	70
11512	12 Point	76
11518	18 Point	1 16

Also furnished in 14, 15, 16, 20, 24, 30 and 36 point

WAVE RULES

No.	Body	Per Foot
3002	2 Point	\$0 20
3152	2 Point	20
3022	2 Point	20
3042	2 Point	20
3043	3 Point	28
3052	2 Point	20
3062	2 Point	20

DOTTED AND HYPHEN SERIES

1012	2 Point	16
5012	2 Point	16
1032	2 Point	16
5072	2 Point	16
1092	2 Point	16
1052	2 Point	16
1532	2 Point	16
1072	2 Point	16
1112	2 Point	16
1132	2 Point	16

Dotted and Hyphen Rules can be furnished on all bodies 1 to 12 point at plain rule prices

BRASS RULE SHOWN IN SERIES

Unless otherwise noted, Brass Rules are made in 24 inch strips

No.	Body	Per Foot
1412	2 Point	\$0 16
1413	3 Point	22
1414	4 Point	27
1415	5 Point	33
1416	6 Point	40
1422	2 Point	16
1423	3 Point	22
1424	4 Point	27
1425	5 Point	33
1426	6 Point	40
1428	8 Point	52
1432	2 Point	16
1433	3 Point	22
1434	4 Point	27
1435	5 Point	33
1436	6 Point	40
1438	8 Point	52
1343	3 Point	22
1344	4 Point	27
1346	6 Point	40

No.	Body	Per Foot
1401	1 Point	\$0 10
1401½	1½ Point	13
1402	2 Point	16
1403	3 Point	22
1404	4 Point	27
1406	6 Point	40
1452	2 Point	16
1453	3 Point	22
1454	4 Point	27
1456	6 Point	40
1212	2 Point	16
1213	3 Point	22
1214	4 Point	27
1216	6 Point	40
1223	3 Point	22
1224	4 Point	27
1226	6 Point	40
1232	2 Point	16
1233	3 Point	22
1234	4 Point	27
1236	6 Point	40

BRASS RULE SHOWN IN SERIES

Unless otherwise noted, Brass Rules are made in 24 inch strips

No.	Per Foot	No.	Per Foot	No.	Per Foot
1263	\$0 22	6582	\$0 16	1654	\$0 27
1264	27	6583	22	1656	40
1266	40	6584	27	15012	76
1269	58	6586	40	15018	1 16
12612	76	6588	52	1516	40
1274	27	65810	64	15112	76
1276	40	65812	76	15118	1 16
1279	58	1776	50	1766	50
12712	76	17712	95	17612	95
1314	27	1796	50	1786	50
1316	40	17912	95	17812	95
1319	58	1356	40	17818	1 40
13112	76	13512	76	1326	40
13118	1 16	1526	40	1328	52
1443	22	15212	76	13210	64
1444	27	15218	1 16	13212	76
1446	40	1636	40	1626	40
1448	52	1638	52	1628	52
14410	64	16310	64	16210	64
14412	76	16312	76	16212	76

The final figures indicate the body of the rule

PICTURE FRAME BRASS RULE

PICTURE FRAME BRASS RULE

6 Point No. 1676

\$0 40

Mitered pages Half Brazed can be
furnished at prices given on page 861

9 Point No. 1679

\$0 58

Regular Mitered pages either Plain or
Interlocking Miters can be furnished

12 Point No. 16712

\$0 76

6 Point No. 1666

\$0 40

Brazed or Round Corners *cannot*
be furnished

8 Point No. 1668

\$0 52

Note especially that the heavy lines are
placed on the outside at right and
bottom of page

Strip Rule in 24 inch lengths can
be furnished at prices listed

10 Point No. 16610

\$0 64

Labor-Saving Fonts can be furnished
at prices given in Table B, page 859.
Miters are furnished in Double Sets
or Fonts, mitered both ways, at double
the prices given in Table E2,
page 861

12 Point No. 16612

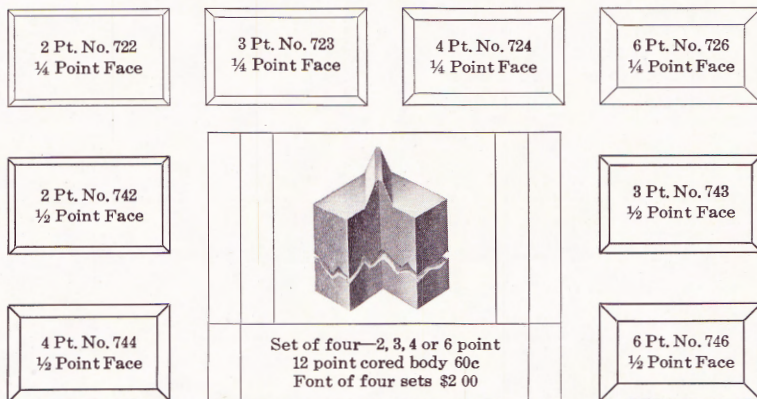
\$0 76

This outside panel is made with 3 point Brass Rule No. 1423, 6 point Lithodot Brass Rule No. 3586
and 4 point Brass Rule No. 1264. Similar effects can be obtained by using Lithodot
Brass Rule of various bodies with double rules

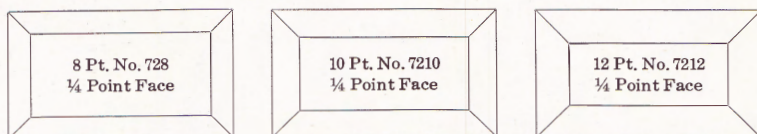
BRASS RULE FRAME CORNERS

BRASS RULE FRAME CORNERS

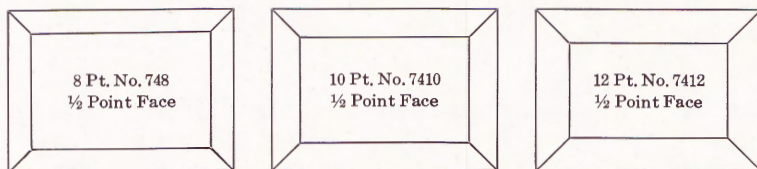
Made like a corner quad. Set of four consists of the diagonal line only
Designed to be used only with mitered pages using side face or flush rules



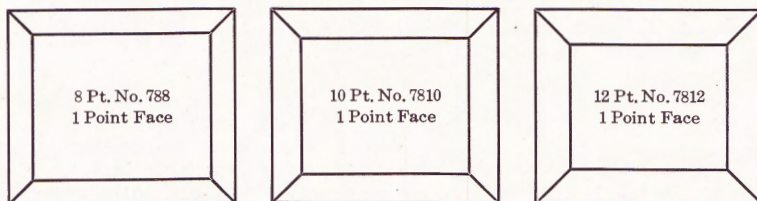
Set of four—8, 10 or 12 point, 18 point cored body 75c
Font of three sets \$2 00



2 Point Rule No. 2022 (1/4 point face on side)



2 Point Rule No. 2042 (1/2 point face on side)



2 Point Rule No. 2082 (1 point face on side)

Other sizes—5 and 5 1/2 point on 12 point cored body; 7, 9 and 11 point on 18 point cored body;
and 13, 14, 15, 16, 17 and 18 point on 24 point cored body—can be made to order
with 1/4, 1/2, 3/4, 1, 1 1/2 or 2 point face

Set of four—8, 10 or 12 point, 24 point cored body \$1 00

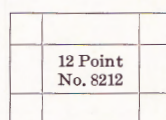
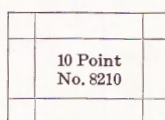
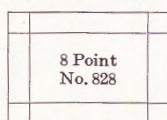
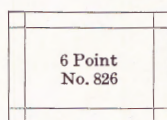
These Brass Rule Frame Corners are shown in practical use on pages 17, 22, 25 and 29,
under the name of Brass Rule Frame Miters

No. 1452 and No. 1453 parallel rules used around this page

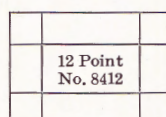
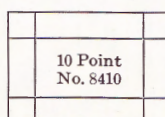
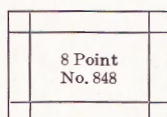
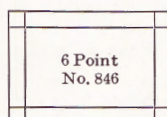
BRASS RULE RIGHT-ANGLE CORNERS

BRASS RULE RIGHT-ANGLE CORNERS

Made only for use with Side Face Rule
Set of four consists of the right-angle corner only as shown in cut



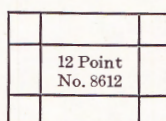
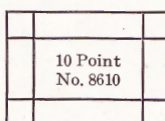
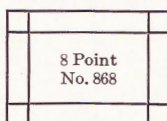
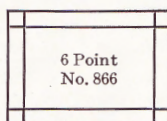
2 Point Rule No. 2022 ($\frac{1}{4}$ point face on side)



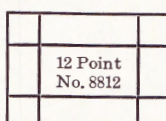
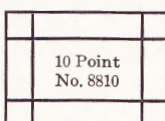
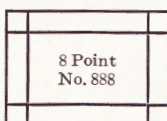
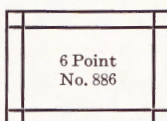
2 Point Rule No. 2042 ($\frac{1}{2}$ point face on side)

<p>PRICE LIST</p> <p>Per set of four</p> <p>6 Point . . \$0 40</p> <p>8 Point . . . 50</p> <p>10 Point . . . 60</p> <p>12 Point . . . 75</p> <p>Font of four sizes, any face \$2 00</p> <p>AMERICAN TYPE FOUNDERS COMPANY</p>	
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Corners larger than 12 point can be obtained by ordering Brazed Corners of the desired side face rule with both legs of equal length: 14, 16, 18, 20, 24 points long, etc.—it being only necessary to drop in a quad to fill up space. Prices are the same as regular 2x6 em Brazed Corners



2 Point Rule No. 2062 ($\frac{3}{4}$ point face on side)



2 Point Rule No. 2082 (1 point face on side)

BRASS RULE IN LABOR-SAVING FONTS

Regular Fonts DO NOT contain Mitters, Round or Brazen Corners, which are sold separately in Sets; for prices of Mitters in Fonts and Sets see Tables D and E1, pages 859 and 861. Charges for Mitering pages are given in Table F, page 861
For prices of Labor-Saving Fonts of Rule see Table B, page 859

2 Point No. 1012	2 Point No. 1032	2 Point No. 1052
<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
This Face Matches	This Face Matches	This Face Matches
American Line Leader Face	American Line Leader Face	American Line Leader Face
No. 101	No. 103	No. 105

See page 841 for specimens of Brass Round Corners

Hairline Face	¼ Point Face	½ Point Face
1 Point No. 1001 2 Point No. 1002 Face in center	1 Point No. 1021 2 Point No. 1022 Face in center 2 Point No. 2022 Face on side	2 Point No. 1042 Face in center 2 Point No. 2042 Face on side
2 Point No. 2002 Face on side	6 Point No. 1026 (Column Rule)	6 Point No. 1046 (Column Rule)

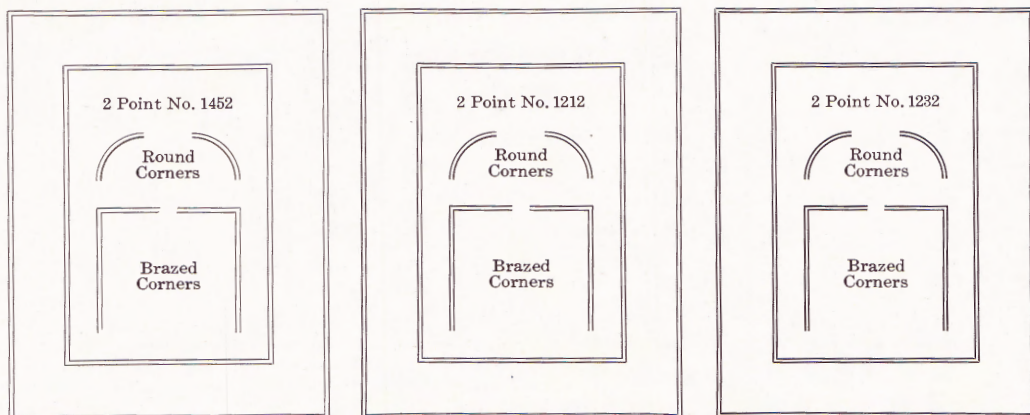
Braze corners same size as shown on opposite page can be furnished for all sizes shown on this page except 1 and 1½ point

<p>3/4 Point Face</p>	<p>1 Point Face</p>	<p>1 1/2 Point Face</p>
<p>2 Point No. 2062 3 Point No. 2063 Face on side</p>	<p>2 Point No. 2082 3 Point No. 2083 6 Point No. 2086 Face on side</p>	<p>2 Point No. 2102 Face on side</p>
<p>2 Point No. 1062 Face in center</p>	<p>1 Point No. 1151 Fullface</p>	<p>1 1/2 Point No. 1151 1/2 Fullface</p>

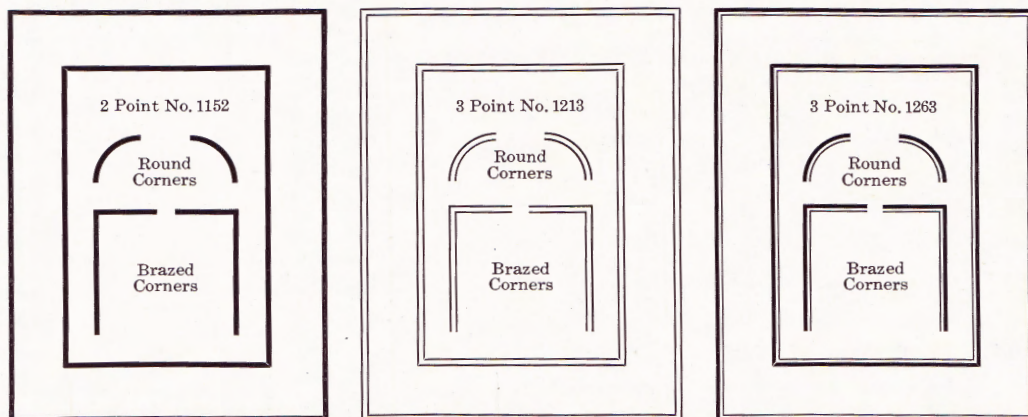
These six faces can be made on any body either center face or face on side

BRASS RULE IN LABOR-SAVING FONTS

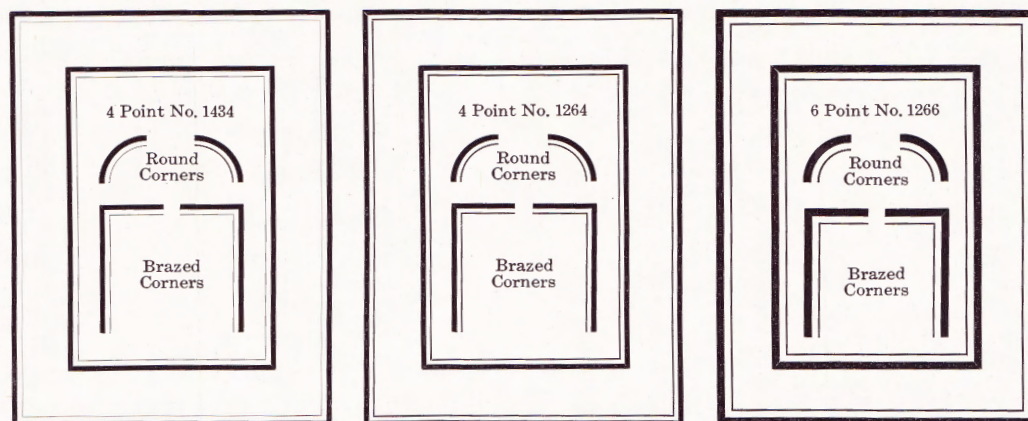
Regular Fonts DO NOT contain Miters, Round or Brazed Corners, which are sold separately in Sets; for prices of Miters in Fonts and Sets see Tables D and E1, pages 859 and 861. Charges for Mitering pages are given in Table F, page 861
For prices of Labor-Saving Fonts of Rule see Table B, page 859



See page 841 for specimens of other Brass Round Corners



See page 840 for specimens of other Brazed Corners

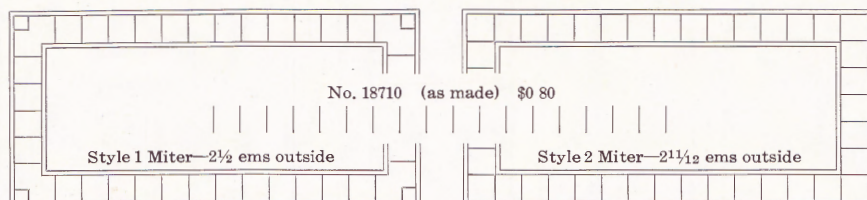
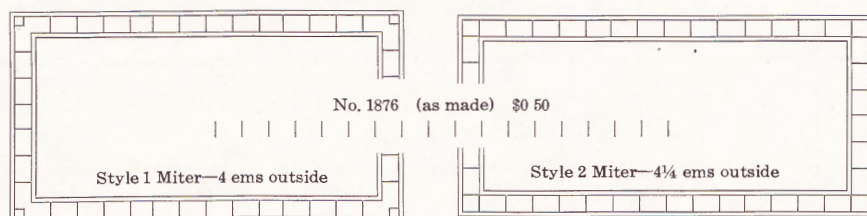
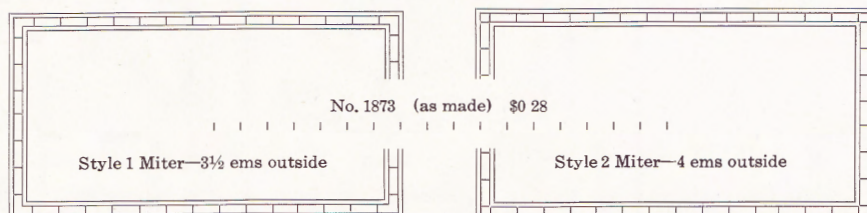
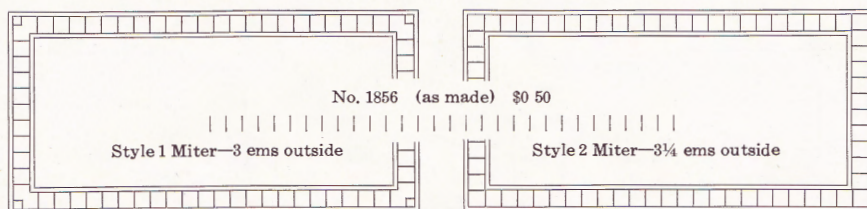
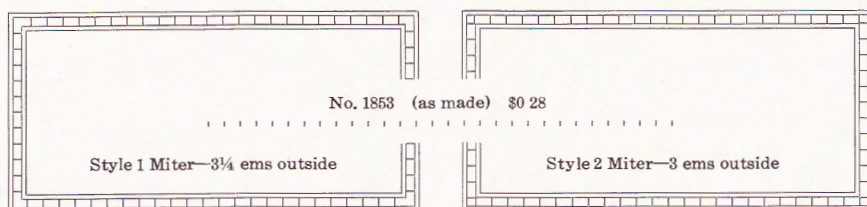


These nine faces are all made flush on body

OPEN SQUARE BRASS RULE

OPEN SQUARE BRASS RULE

Designed to be used with side face or flush body rules



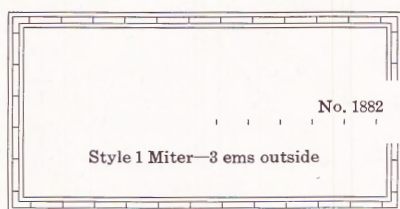
Prices quoted are per foot

Sold in labor-saving fonts at prices given in Table B1, page 859. See Table D1 for prices of miters

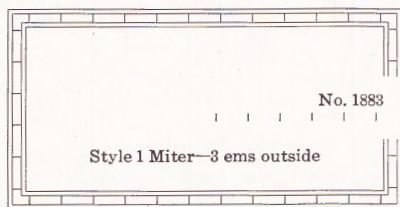
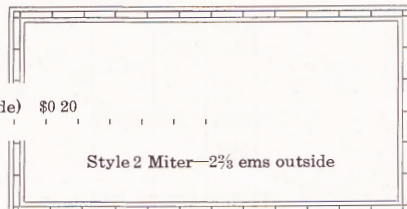
OPEN SQUARE BRASS RULE

OPEN SQUARE BRASS RULE

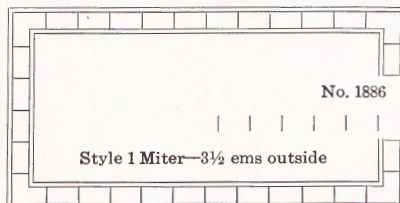
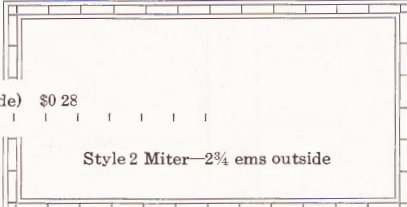
Designed to be used with side face or flush body rules



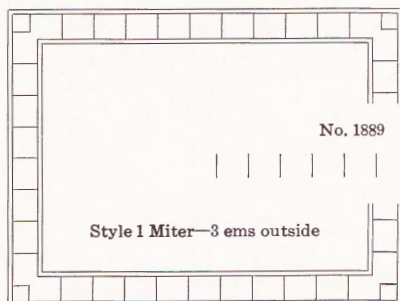
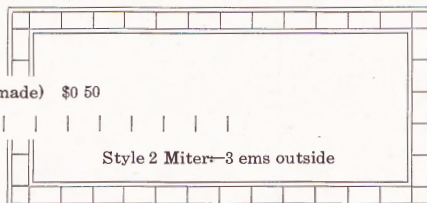
No. 1882 (as made) \$0 20



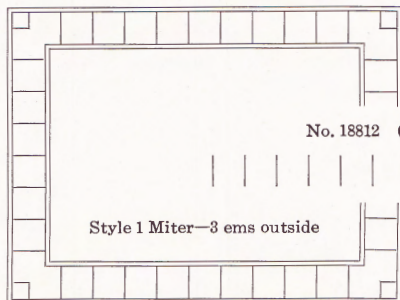
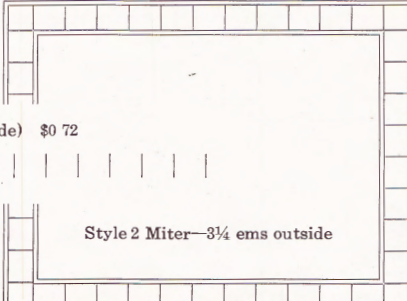
No. 1883 (as made) \$0 28



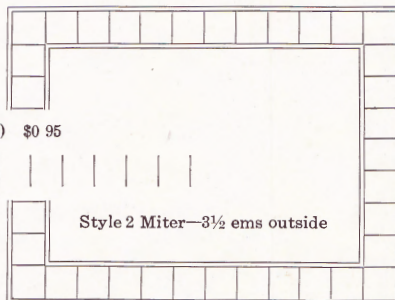
No. 1886 (as made) \$0 50



No. 1889 (as made) \$0 72



No. 18812 (as made) \$0 95



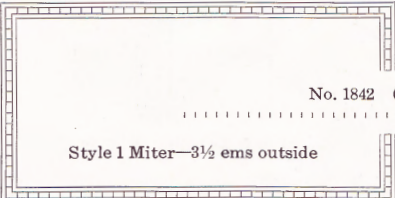
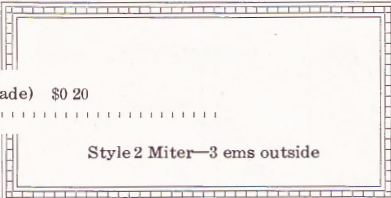
Prices quoted are per foot

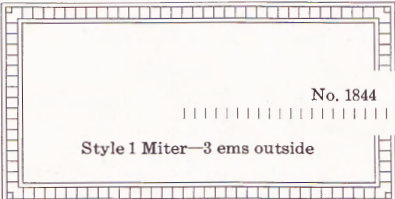
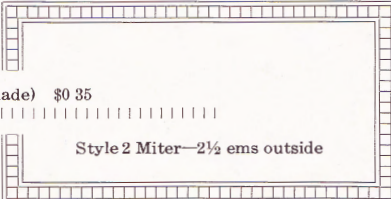
Sold in labor-saving fonts at prices given in Table B1, page 859. See Table D1 for prices of miters

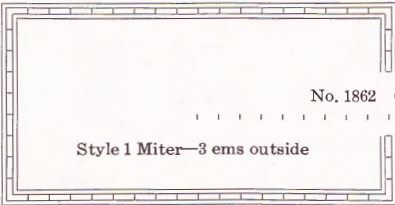
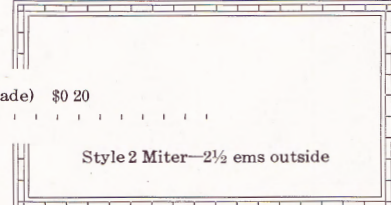
OPEN SQUARE BRASS RULE

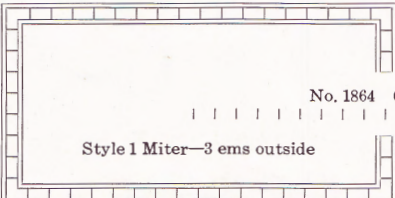
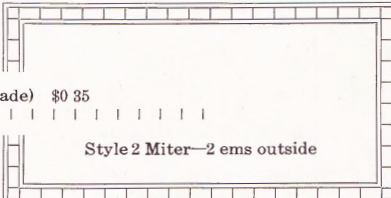
OPEN SQUARE BRASS RULE

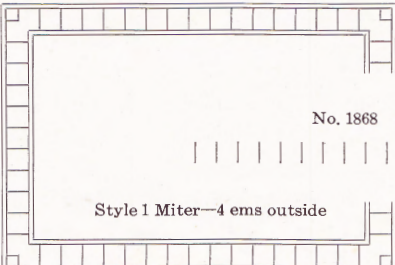
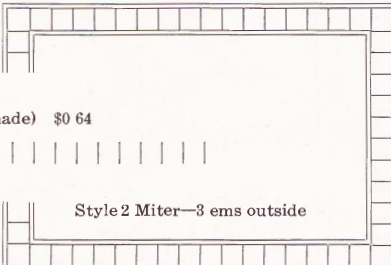
Designed to be used with side face or flush body rules

 <p>No. 1842 (as made) \$0 20</p> <p>Style 1 Miter—$3\frac{1}{2}$ ems outside</p>	 <p>Style 2 Miter—3 ems outside</p>
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 <p>No. 1844 (as made) \$0 35</p> <p>Style 1 Miter—3 ems outside</p>	 <p>Style 2 Miter—$2\frac{1}{2}$ ems outside</p>
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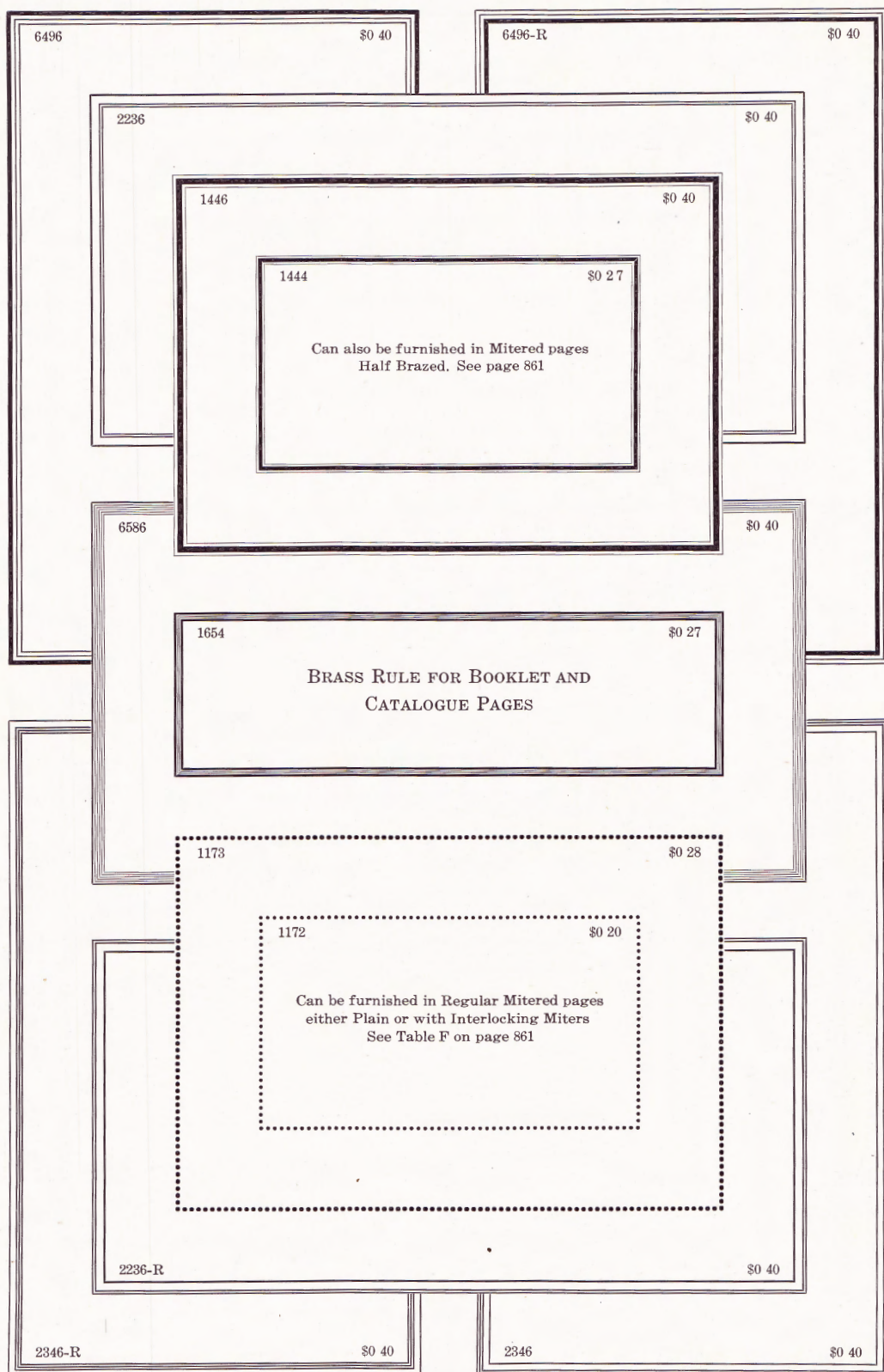
 <p>No. 1862 (as made) \$0 20</p> <p>Style 1 Miter—3 ems outside</p>	 <p>Style 2 Miter—$2\frac{1}{2}$ ems outside</p>
--	--

 <p>No. 1864 (as made) \$0 35</p> <p>Style 1 Miter—3 ems outside</p>	 <p>Style 2 Miter—2 ems outside</p>
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 <p>No. 1868 (as made) \$0 64</p> <p>Style 1 Miter—4 ems outside</p>	 <p>Style 2 Miter—3 ems outside</p>
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Prices quoted are per foot
 Sold in labor-saving fonts at prices given in Table B1, page 859. See Table D1 for prices of miters

BRASS RULE FOR BOOKLET WORK



BRASS RULE FOR BOOKLET WORK

1266

\$0 40

4574

\$0 27

1212

\$0 16

1626

\$0 40

BRASS RULE FOR BOOKLET
AND CATALOGUE
PAGES
Prices given are per foot in 24 inch lengths

4594

\$0 27

1526

\$0 40

1636

\$0 40

Can be furnished in Plain Mitered
or Interlocking Mitered pages, or
Mitered pages Half Brazed
see page 861

1213

\$0 22

1456

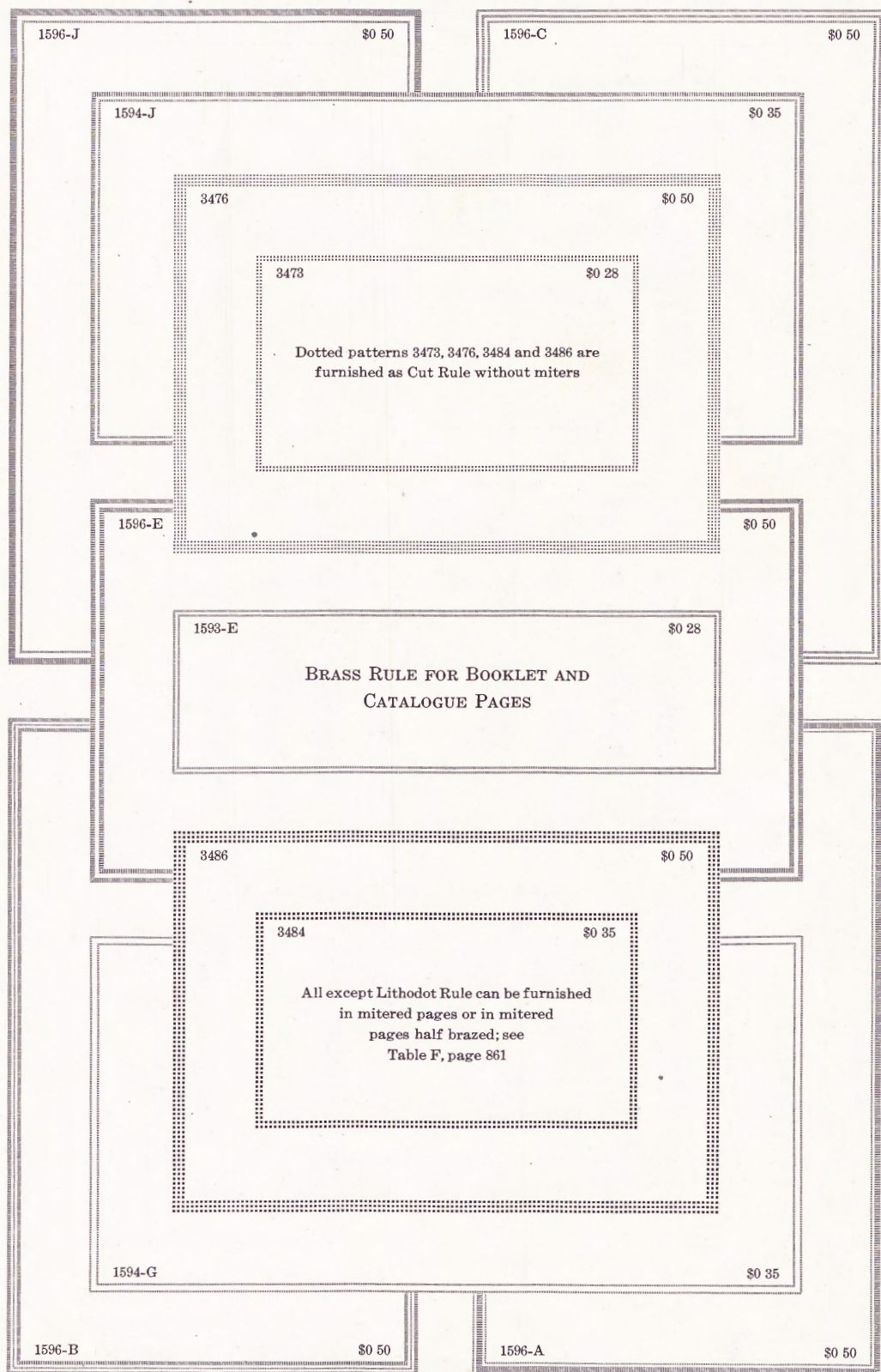
\$0 40

1216






























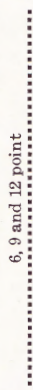
\$0 40

826

BRASS RULE FOR BOOKLET WORK



LITHOLINE, LITHOTONE AND LITHODOT BRASS RULE

LITHOLINE TRADE MARK		LITHOTONE TRADE MARK		LITHODOT TRADE MARK	
Series No.	Made in Bodies as Shown	Series No.	Made in All Bodies 1 to 36 Point	Series No.	Made in Bodies as Shown
259	1½, 3, 6, 9 and 12 point 	159		359	1½, 3, 6, 9 and 12 point 
258	2 to 12 point, by points 	158		358	2 to 12 point, by points 
257	2½, 6 and 12 point 	157		357	2½, 6 and 12 point 
256	3, 6, 9 and 12 point 	156		356	3, 6, 9 and 12 point 
255	4, 6, 8, 10 and 12 point 	155		355	4, 6, 8, 10 and 12 point 
249	4, 6, 8, 10 and 12 point 	149		349	4, 6, 8, 10 and 12 point 
254	2½, 6 and 12 point 	154		354	2½, 6 and 12 point 
247	3, 6, 9 and 12 point 	147		347	3, 6, 9 and 12 point 
248	4, 6, 8, 10 and 12 point 	148		348	4, 6, 8, 10 and 12 point 
260	6, 9 and 12 point 	160		360	6, 9 and 12 point 
The first body listed contains two lines		The first body listed contains two lines		The first body listed contains two lines	

The Lithotone Rules contain a certain number of lines and spaces to the 12 point em. In making the Litholine and Lithodot Rules to match it was necessary to preserve the same standards, which leaves a shoulder (one-half of the white space) on each side of the Litholine and Lithodot Rule regardless of the body

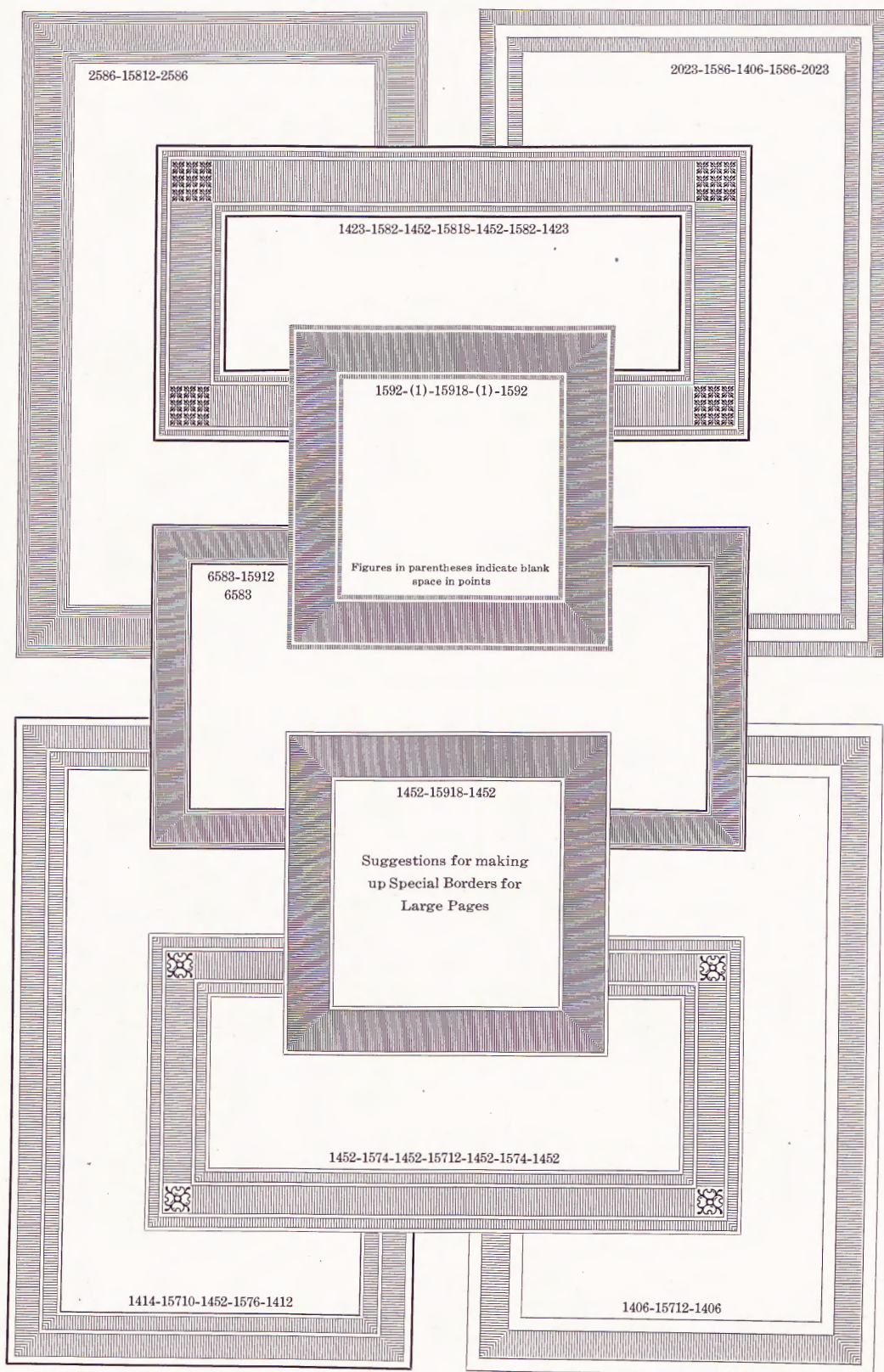
LITHOTONE BRASS RULE

A COMPLETE SHOWING OF ALL SIZES OF LITHOTONE RULE

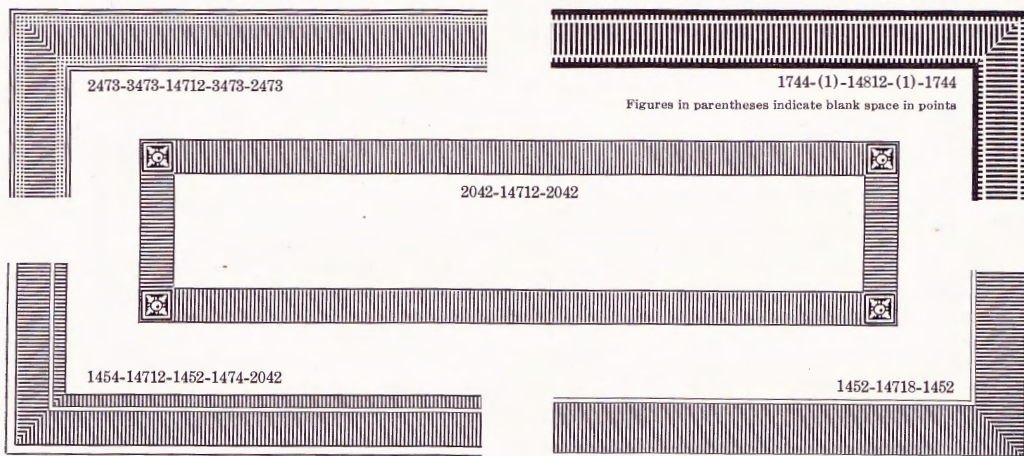
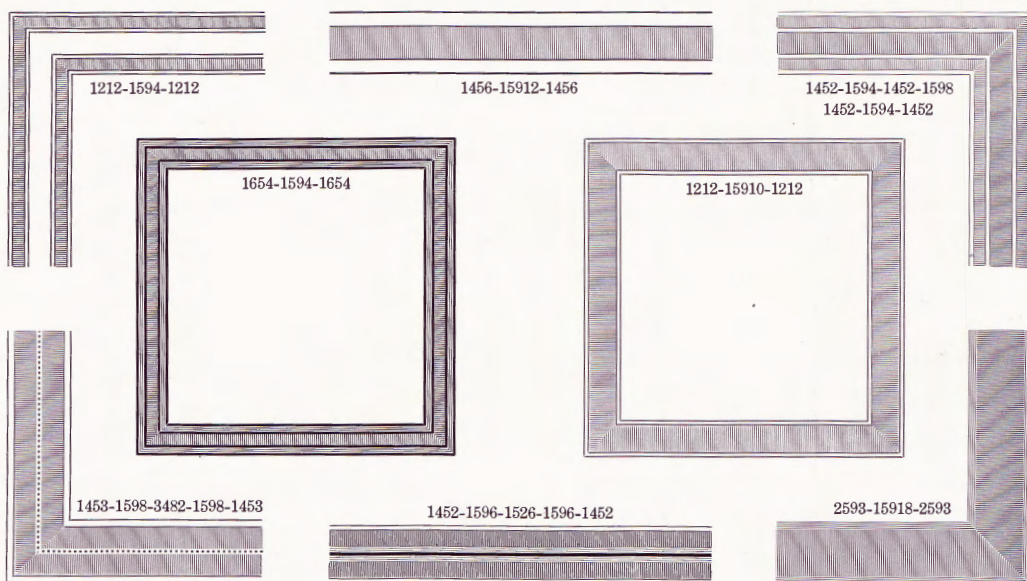
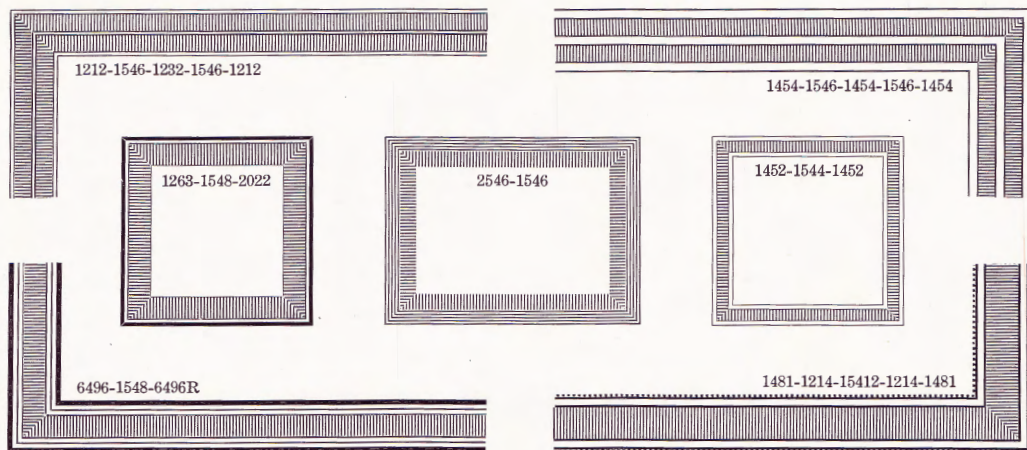
Made in 2-foot strips. Sold by the foot at prices given in Table G1 on page 859. Can be furnished in any lengths, cut to order, with or without mitered ends, at Table H and I prices (page 860) plus 25 per cent, plus mitering charges given in Table F on page 861. Brazed Corners are priced on page 861

1601	1481	1471	1491	1551	1561	1571	1581	1541	1591
1601½	1481½	1471½	1491½	1551½	1561½	1571½	1581½	1541½	1591½
1602	1482	1472	1492	1552	1562	1572	1582	1542	1592
1603	1483	1473	1493	1553	1563	1573	1583	1543	1593
1604	1484	1474	1494	1554	1564	1574	1584	1544	1594
1606	1486	1476	1496	1556	1566	1576	1586	1546	1596
1608	1488	1478	1498	1558	1568	1578	1588	1548	1598
16010	14810	14710	14910	15510	15610	15710	15810	15410	15910
16012	14812	14712	14912	15512	15612	15712	15812	15412	15912
16018	14818	14718	14918	15518	15618	15718	15818	15418	15918
16024	14824	14724	14924	15524	15624	15724	15824	15424	15924

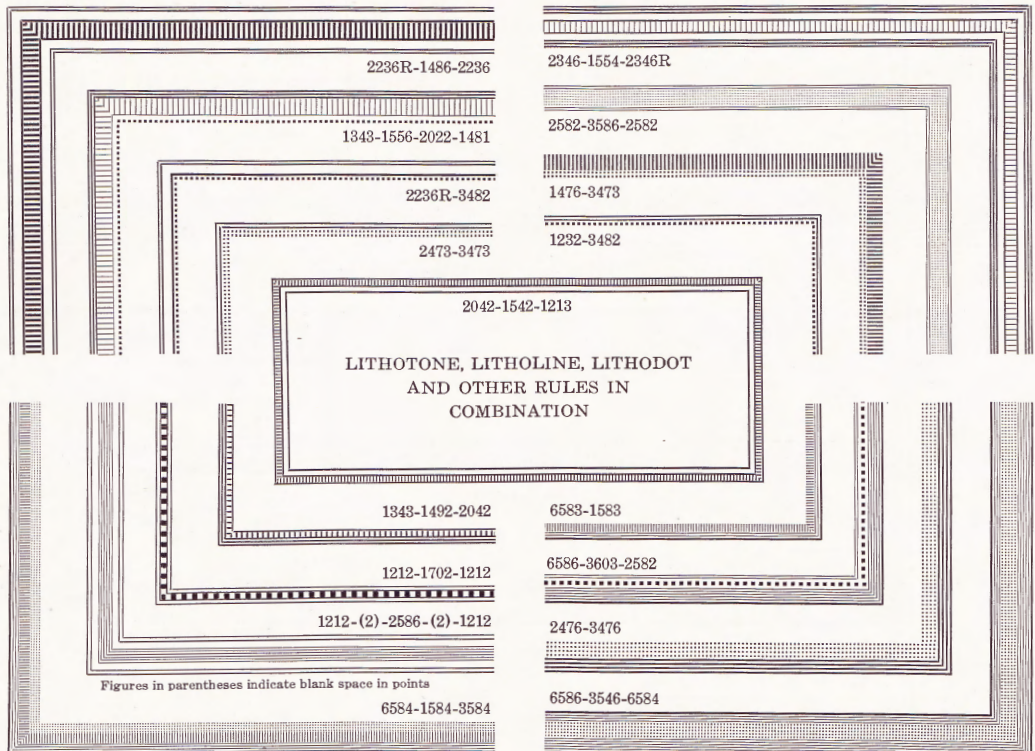
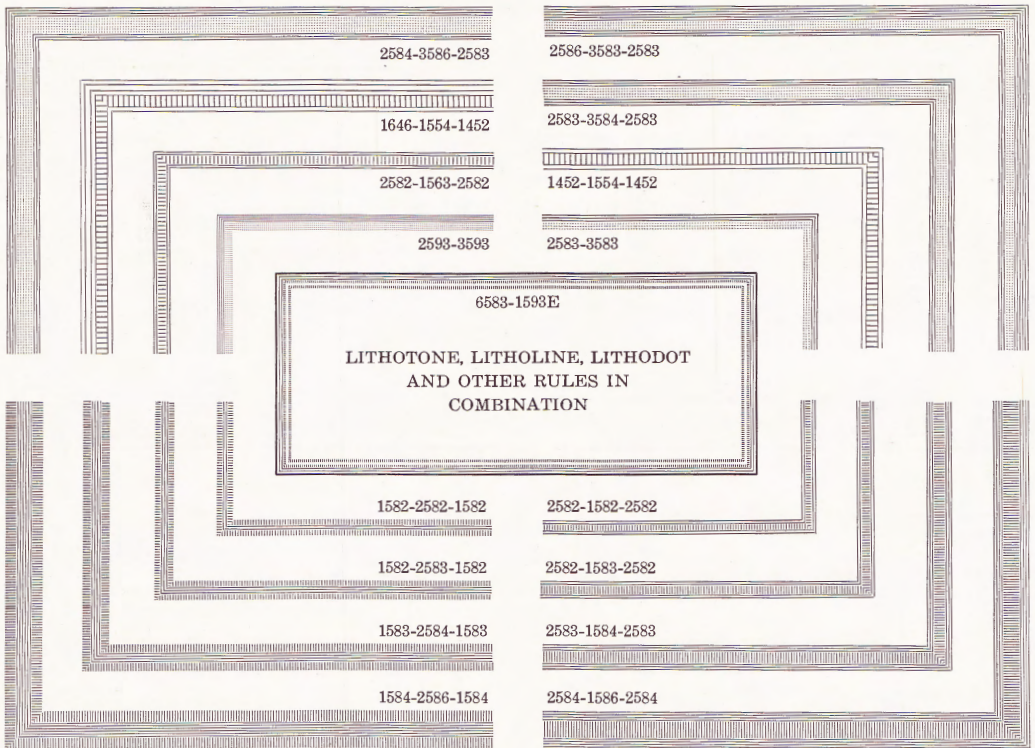
LITHOTONE AND OTHER BRASS RULE



LITHOTONE AND OTHER BRASS RULE

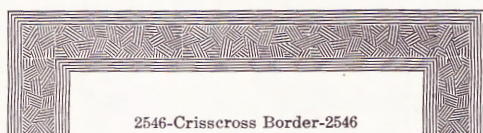


LITHOTONE AND OTHER BRASS RULE



Figures in parentheses indicate blank space in points

COMBINATIONS OF BRASS RULE



2546-Crisscross Border-2546



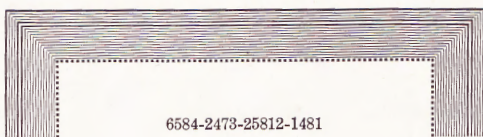
2476-Agatha Border-2476



6586-American Border No. 1204-6583



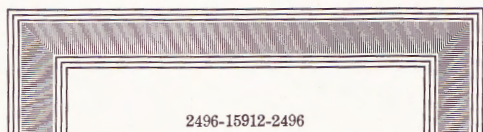
6583-Concrete Border-6583



6584-2473-25812-1481



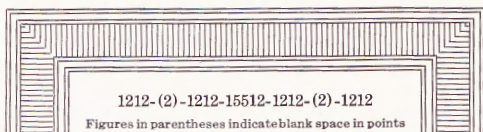
6588-1702-6588



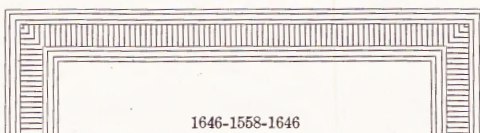
2496-15912-2496



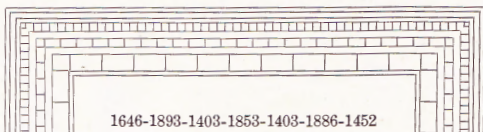
2596-3596-2066



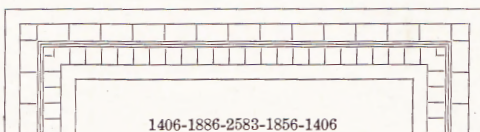
1212-(2)-1212-15512-1212-(2)-1212
Figures in parentheses indicate blank space in points



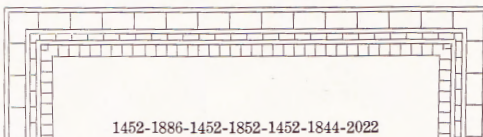
1646-1558-1646



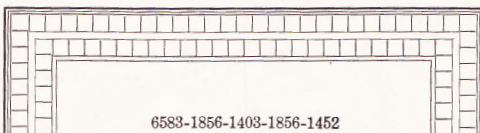
1646-1893-1403-1853-1403-1886-1452



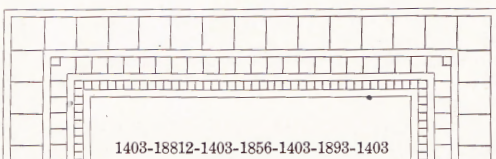
1406-1886-2583-1856-1406



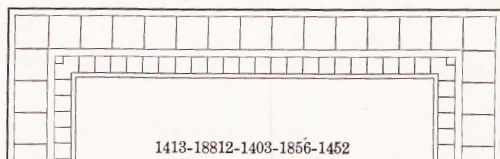
1452-1886-1452-1852-1452-1844-2022



6583-1856-1403-1856-1452

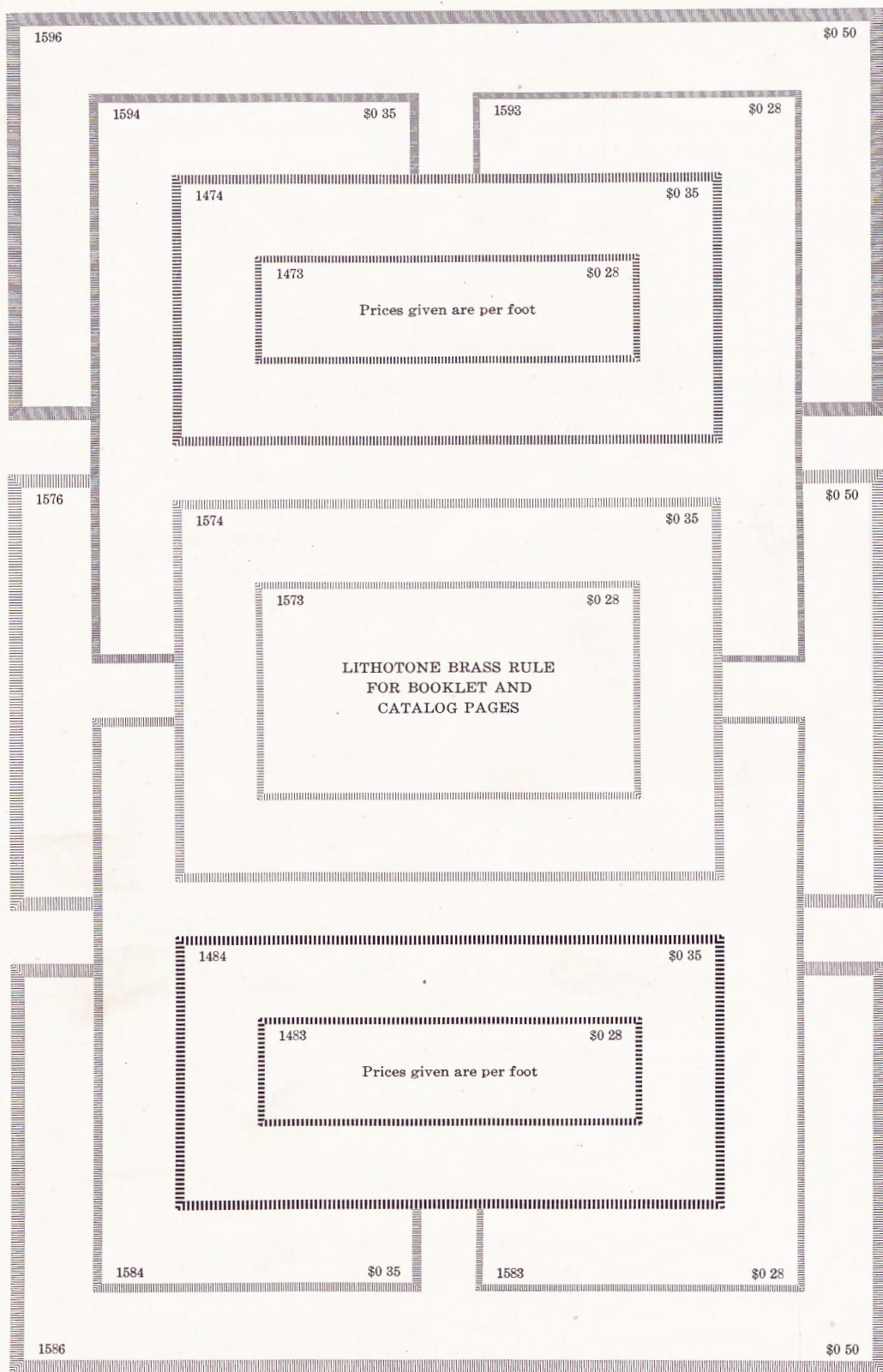


1403-18812-1403-1856-1403-1893-1403

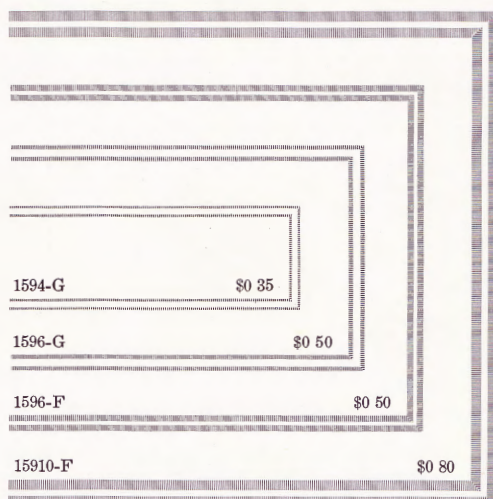
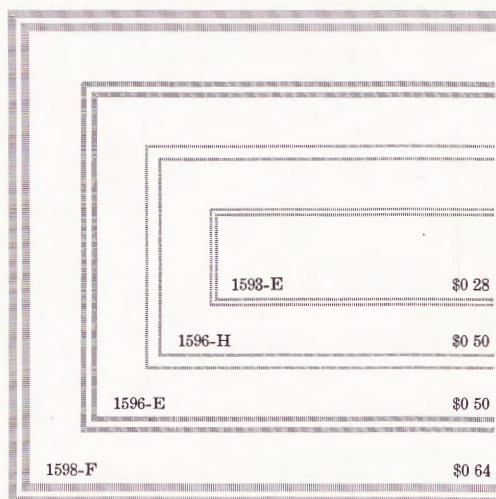
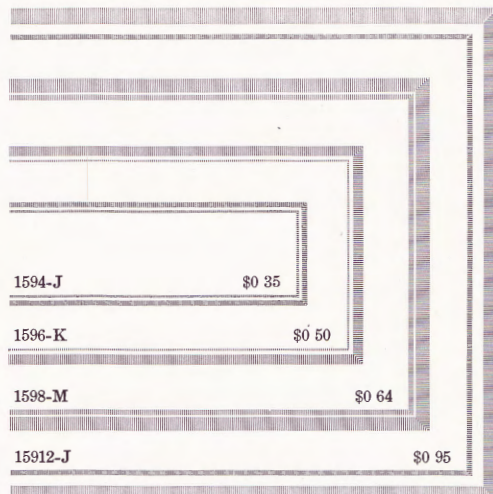
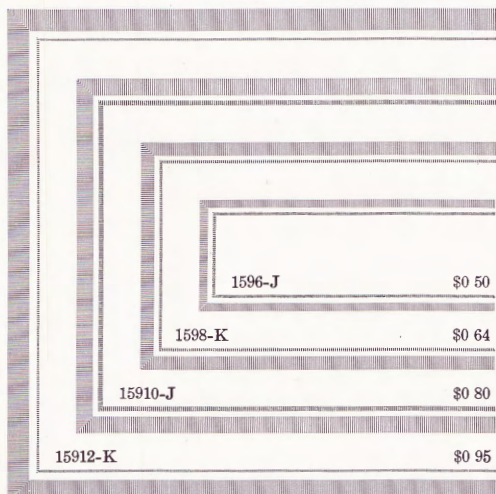
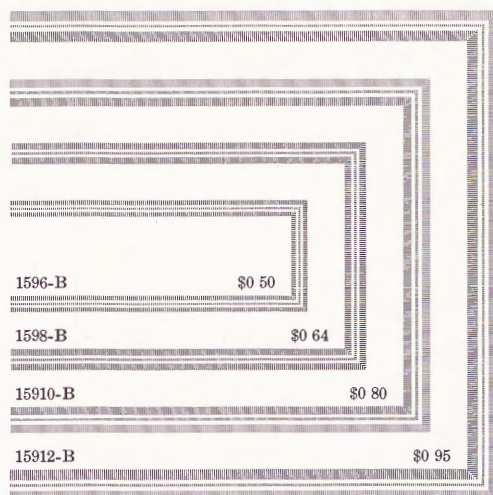
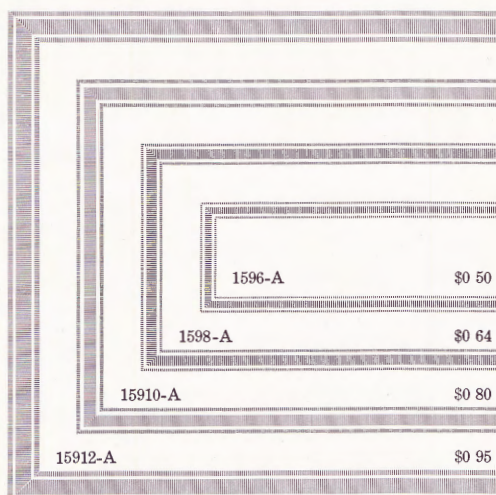


1413-18812-1403-1856-1452

LITHOTONE BRASS RULE



DOUBLE AND TRIPLE LITHOTONE BRASS RULE



LITHOTONE, LITHODOT AND LITHOLINE BRASS RULE

Lithotone	
1596-C	\$0 50
1596-D	\$0 50
1598-D	\$0 64
15910-C	\$0 80

Lithotone	
7586	\$0 50
7588	\$0 64
75810	\$0 80
75812	\$0 95

Litholine	
2593	\$0 22
2596	\$0 40
25912	\$0 76

Lithodot	
3593	\$0 28
3596	\$0 50
35912	\$0 95

Combination of 2596 and 3596

Litholine	
2582	\$0 16
2583	\$0 22
2586	\$0 40
25812	\$0 76

Lithodot	
3582	\$0 20
3583	\$0 28
3586	\$0 50
35812	\$0 95

LITHOLINE AND LITHODOT BRASS RULE

Litholine		Lithodot	
4572★	\$0 16	5572★	\$0 20
2576	\$0 40	3576	\$0 50
25712	\$0 76	35712	\$0 95

Combination of 2576 and 3576

★Also made on 2½ point body

Litholine		Lithodot	
4542★	\$0 16	5542★	\$0 20
2546	\$0 40	3546	\$0 50
25412	\$0 76	35412	\$0 95

Combination of 2546 and 3546

★Also made on 2½ point body

Litholine		Lithodot	
2563	\$0 22	3563	\$0 28
2566	\$0 40	3566	\$0 50
25612	\$0 76	35612	\$0 95

Combination of 2563, 1566 and 2563

LITHOLINE AND LITHODOT BRASS RULE

Litholine		Lithodot	
2554	\$0 27	3554	\$0 35
2556	\$0 40	3556	\$0 50
25512	\$0 76	35512	\$0 95

Combination of 2554, 1554 and 2554

Litholine		Lithodot	
2494	\$0 27	3494	\$0 35
2496	\$0 40	3496	\$0 50
24912	\$0 76	34912	\$0 95

Combination of 24912 and 14912

6583	\$0 22	6585	\$0 33
6584	\$0 27	6586	\$0 40
6588	\$0 52	65810	\$0 64
65812	\$0 76		

LITHOLINE AND LITHODOT BRASS RULE

Litholine		Lithodot	
2473	\$0 22	3473	\$0 28
2476	\$0 40	3476	\$0 50
24712	\$0 76	34712	\$0 95

Combination of 2473, 3476 and 2473

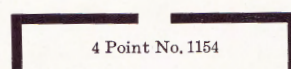
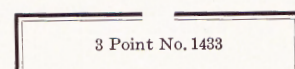
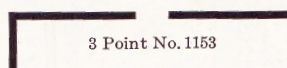
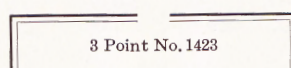
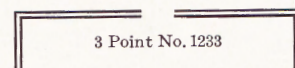
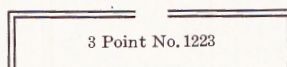
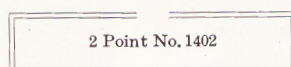
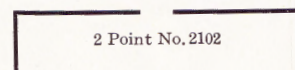
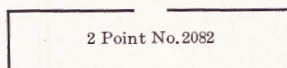
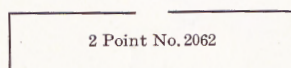
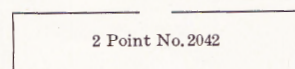
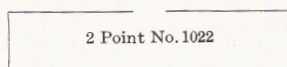
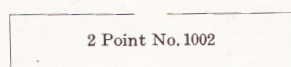
Litholine		Lithodot	
2484	\$0 27	3484	\$0 35
2486	\$0 40	3486	\$0 50
24812	\$0 76	34812	\$0 95

Combination of 2482, 3488 and 2482

Litholine		Lithodot	
2606	\$0 40	3606	\$0 50
2609	\$0 58	3609	\$0 72
26012	\$0 76	36012	\$0 95

Combination of 16012 and 26012

BRASS BRAZED CORNERS

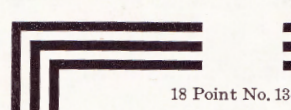
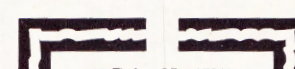
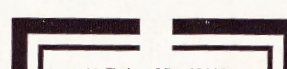
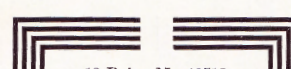
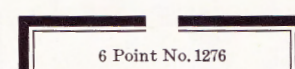
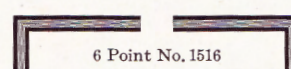
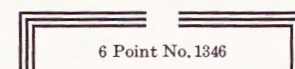
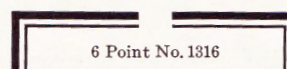
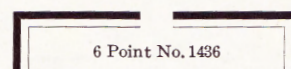
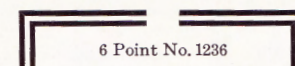
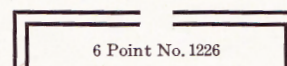
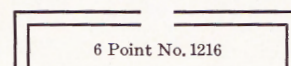
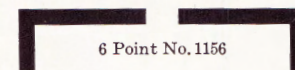
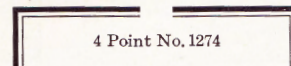
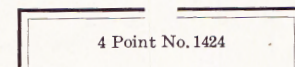
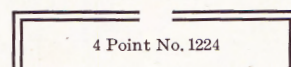
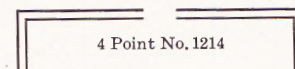


PRICES

Per set of four

2, 3, 4 or 6 Point.....	\$0 75
8, 10 or 12 Point.....	1 00
18 Point.....	1 35

Brass Brazed Corners can be furnished for practically all the faces shown in this Brass Rule Section.

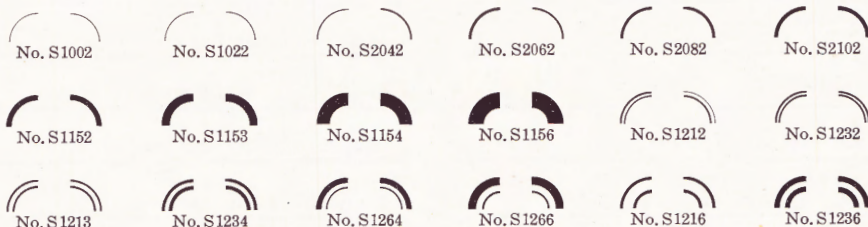


For other Brazed Corners see page 823

BRASS ROUND CORNERS

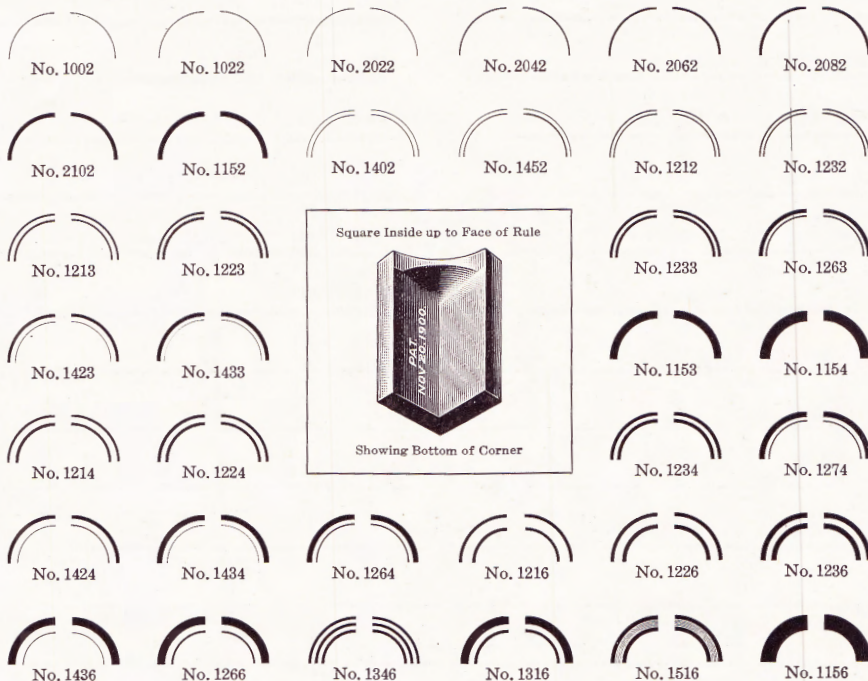
BRASS ROUND CORNERS

12 Point Solid Body Per set of four 50c



BRASS ROUND CORNERS

18 Point Full Mortised Body Per set of four 75c



BRASS ROUND CORNERS

24 Point Full Mortised Body Per set of four \$1.00



BRASS ROUND CORNERS

36 Point Full Mortised Body Per set of four \$1.25



While not generally carried in stock, Brass Round Corners can be obtained for practically all the faces shown in this section

PANEL DOUBLE CORNERS

All Made on Six Point Body

2086 Style A 1 Point Face	2106 Style A 1½ Point Face
2086 Style B 1 Point Face	2106 Style B 1½ Point Face
2086 Style C 1 Point Face	2106 Style C 1½ Point Face
2086 Style AP 1 Point Face	2106 Style AP 1½ Point Face
2086 Style BP 1 Point Face	2106 Style BP 1½ Point Face
2086 Style CP 1 Point Face	2106 Style CP 1½ Point Face
2126 Style A 2 Point Face	2166 Style A 3 Point Face
2126 Style B 2 Point Face	2166 Style B 3 Point Face
2126 Style C 2 Point Face	2166 Style C 3 Point Face
2126 Style AP 2 Point Face	2166 Style AP 3 Point Face
2126 Style BP 2 Point Face	2166 Style BP 3 Point Face
2126 Style CP 2 Point Face	2166 Style CP 3 Point Face
2086 Style A 1 Point Face	
2086 Style B 1 Point Face	
2086 Style C 1 Point Face	
2106 Style A 1½ Point Face	
2106 Style B 1½ Point Face	
2106 Style C 1½ Point Face	
2126 Style A 2 Point Face	
2126 Style B 2 Point Face	
2126 Style C 2 Point Face	
2166 Style A 3 Point Face	
2166 Style B 3 Point Face	
2166 Style C 3 Point Face	

The above are shown in 13 em and 26½ em column measure. Can be furnished for 12 or 12½ em column measure at same price. Style A, B or C Single Column, per pair 50c. Style AP, BP or CP, set of four 50c. Style A, B or C Double Column, per pair 80c.

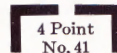
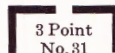
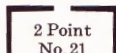
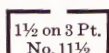
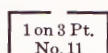
BRASS CORNERS FOR FULLFACE RULE

BRASS SQUARE CORNERS

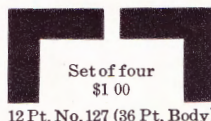
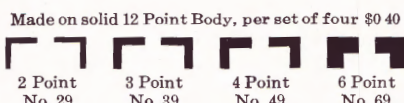
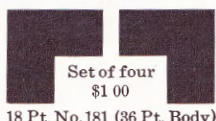
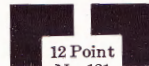
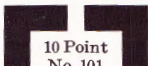
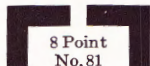
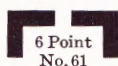
For Plain Face Brass Rule

Made like a corner quad and cut from a solid block of brass; 1 and 1½ Point are brazed with bevel on outside

1, 1½, 2, 3, 4 or 6 Point (18 Point Body), per set of four \$0 60

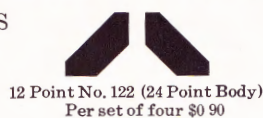


8, 10 and 12 Point (24 Point Body), per set of four \$0 75

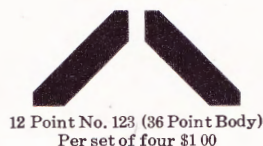


BRASS DIAGONAL CORNERS

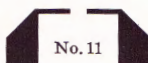
2, 3, 4 or 6 Point (12 Point Body), per set of four \$0 50



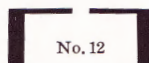
2, 3, 4 or 6 Point (18 Point Body), per set of four \$0 75



OTHER BRASS CORNERS



2 Point on top
12 Point on side
Set of four \$0 75



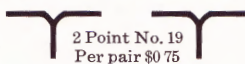
2 Point on top
6 Point on side
Set of four \$0 75



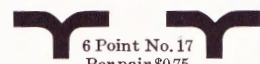
2 Point on top
6 Point on side
Set of four \$0 75



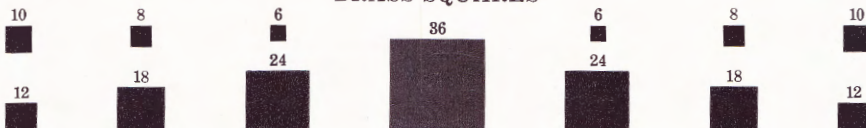
2 Point on top
12 Point on side
Set of four \$0 75



BRASS CENTER PIECES



BRASS SQUARES



Font containing two sets each 6, 8, 10 and 12 Point and one set (4) each of 14, 18, 24 and 36 Point \$2 50

Also sold in sets, see page 862. Round Corners for fullface rule are shown on page 841

BRASS RULE SPECIALTIES

MITERED PAGES—HALF BRAZED

The Mitered Page Half Brazed is a great time-saver. It is easier to justify the form, and the compositor handles two corners instead of four mitered pieces.

There is an additional cost over the plain mitered page of about \$4.80 for 16 pages of an average size, meaning that if 30 cents per page is saved in lock-up, etc., the extra expense is covered on one job. One trade publication uses thousands of these rule pages. The fact that they use one style of rule and standard sizes of ads. makes an enormous saving over the old method.

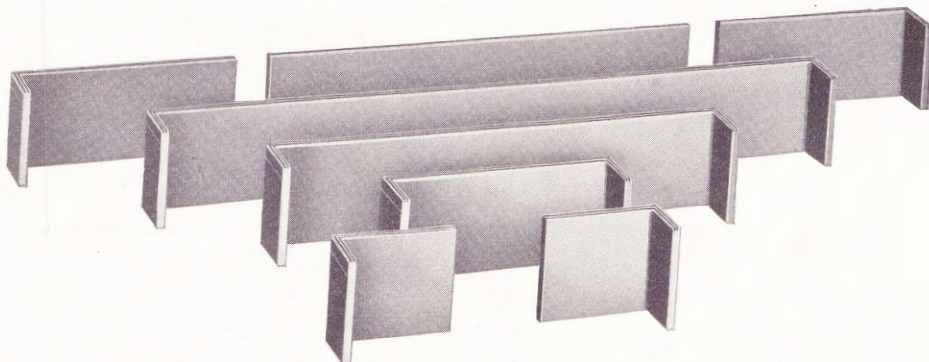


Prices will be found on page 861; estimates furnished in detail if you will advise us.

Sizes 10 ems and smaller are shown on page 845 as Brass Initial Boxes.

BRAZED HALF PANELS FOR NEWSPAPER AD BORDERS

The illustration shows single, double and triple column panels and also single and double column panels cut in half. The latter are for use with straight pieces to make wider panels as shown in the largest panel in the cut, where a two column straight piece is used with a double column panel cut in half to make a four column panel. The two panels used at top and bottom of form are spaced out with straight pieces to make ad. the proper length.



A fairly good trial equipment made of 6 point Plain Rule contains the following pieces: Brazed Half Panels—4 sets single, 2 sets single (cut), 4 sets double, 2 sets double (cut), and 2 sets triple column; also straight pieces—6 pieces single, 4 pieces double, and 2 pieces triple column; in addition, a special font of various lengths for the sides weighing about 6 pounds. This entire equipment, \$25.00. Complete table of prices will be found on page 861.

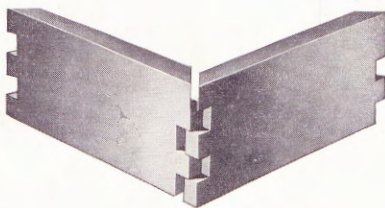
INTERLOCKING MITERS FOR BRASS RULE

With regular miters care must be taken to prevent slipping at the corners, which can be overcome with use of corner quads when space permits this use. The Interlocking Miter absolutely prevents slipping as the dovetails interclose holding the rules firmly in position. The use of these miters is becoming more general, both for booklet and catalogue work.

PRICES OF INTERLOCKING MITERS

These are sold at the price per piece in Tables H and I according to length of rule used plus the following charges for mitering per page or per set of miters:

Pages	1 to 4 Point	5 to 10 Point	11 to 18 Point	Over 18 Point
3 or less	\$0 34	\$0 45	\$0 58	\$0 79
4 to 16	30	39	50	63
over 16	28	36	46	55

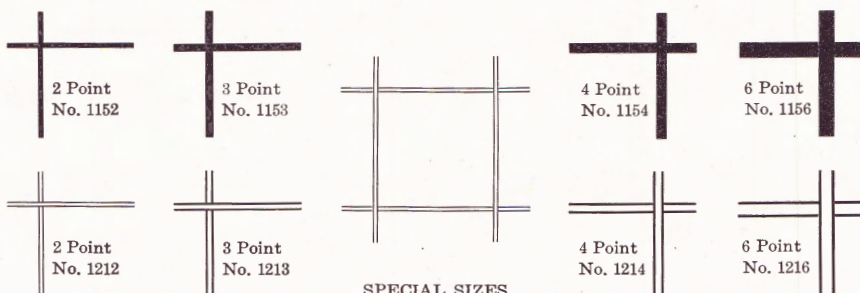


For Fancy Brass Rule, including Lithodot and Lithotone, figure according to prices in Tables H and I for the rule used plus 25 per cent, to which add the above charges for Interlocking Miters.

INITIAL BOXES AND SLOTTED CORNERS

SLOTTED BRASS CORNERS

Per set of four—2 to 6 Point, either 4 em leg or 6 em leg.....\$1 00



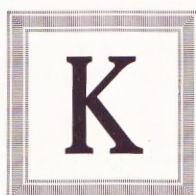
SPECIAL SIZES

Slotted Corners can be made to order from any rule. Give total length of leg and length of outside leg. Solid panels like one around this specimen can also be furnished. For price, figure pieces according to prices in Table H or I and add 75 cents per set or page for slotting. Minimum price \$1 00 per set.

Rule No. 1214 Slotted page this size, 18x32 ems \$1 23



5-1596G 65c



6-1598A 75c



6-1596C 65c



5-1596B 65c



4-1594J 50c

BRASS INITIAL BOXES

These Initial Boxes are brazed on two corners and mitered on two corners, making corner pieces easy to compose

PRICE LIST

	48 Point and Smaller	72 Point and Smaller	96 Point and Smaller	120 Point and Smaller
2, 3 or 4 Point Rule.....	\$0 50	\$0 50	\$0 55	\$0 60
6 Point Rule.....	60	65	70	75
8 Point Rule.....	70	75	85	90
10 Point Rule.....	80	90	1 00	1 10
12 Point Rule.....	90	1 00	1 10	1 20

Sixteen or more of same size and face
10 cents each less



4-1596B 60c



5-1596J 65c



5-1596A 65c



8-15910A \$1 00



4-1594G 50c



4-1596A 60c



7-1598B 85c

AMERICAN
TYPE FOUNDERS
COMPANY

BRASS RULE SHOWN BY SIZES

Unless otherwise noted, Brass Rules are made in 24 inch strips

No.	Body	Per Foot
100½	½ Point	\$0 10
115½	½ Point	10
100%	¾ Point (20 to pica)	10
115%	¾ Point (20 to pica)	10
100%	¾ Point (15 to pica)	10
115%	¾ Point (15 to pica)	10
1001	1 Point	10
2001	1 Point	10
1021	1 Point	10
2021	1 Point	10
1041	1 Point	10
2041	1 Point	10
1151	1 Point	10
1011	1 Point	10
1031	1 Point	10
1051	1 Point	10
1401	1 Point	10
1701	1 Point	13
1751	1 Point	13
1591	1 Point	13
1581	1 Point	13
1571	1 Point	13
1561	1 Point	13
1551	1 Point	13
1541	1 Point	13
1491	1 Point	13
1471	1 Point	13
1481	1 Point	13
1601	1 Point	13

No.	Body	Per Foot
1001½	1½ Point (10 to pica)	\$0 12
1151½	1½ Point (10 to pica)	12
1001½	1½ Point	13
2001½	1½ Point	13
1021½	1½ Point	13
2021½	1½ Point	13
1041½	1½ Point	13
2041½	1½ Point	13
1061½	1½ Point	13
2061½	1½ Point	13
1081½	1½ Point	13
2081½	1½ Point	13
1151½	1½ Point	13
1011½	1½ Point	13
1031½	1½ Point	13
1051½	1½ Point	13
1401½	1½ Point	13
2591½	1½ Point	13
1701½	1½ Point	17
1751½	1½ Point	17
1591½	1½ Point	17
1581½	1½ Point	17
1571½	1½ Point	17
1561½	1½ Point	17
1551½	1½ Point	17
1541½	1½ Point	17
1491½	1½ Point	17
1471½	1½ Point	17
1481½	1½ Point	17
1601½	1½ Point	17

BRASS RULE SHOWN BY SIZES

Unless otherwise noted (★), Brass Rules are made in 24 inch strips

No.	Body	Per Foot
1002	2 Point	\$0 16
2002	2 Point	16
1022	2 Point	16
2022	2 Point	16
1042	2 Point	16
2042	2 Point	16
1062	2 Point	16
2062	2 Point	16
1082	2 Point	16
2082	2 Point	16
2102	2 Point	16
1152	2 Point	16
1752	2 Point	20
1012	2 Point	16
5012	2 Point	16
5032	2 Point	16
1032	2 Point	16
5052	2 Point	16
1052	2 Point	16
1192	2 Point	16
1532	2 Point	16
1072	2 Point	16
1112	2 Point	16
1132	2 Point	16
1172	2 Point	20
3002	2 Point	20
3022	2 Point	20
3152	2 Point	20
3042	2 Point	20

No.	Body	Per Foot
3052	2 Point	\$0 20
3062	2 Point	20
2582	2 Point	16
4572	2 Point	16
4542	2 Point	16
1402	2 Point	16
1452	2 Point	16
1212	2 Point	16
1232	2 Point	16
1412	2 Point	16
1422	2 Point	16
6582	2 Point	16
1432	2 Point	16
1592	2 Point	20
1582	2 Point	20
1572	2 Point	20
1562	2 Point	20
1552	2 Point	20
1542	2 Point	20
1492	2 Point	20
1472	2 Point	20
1482	2 Point	20
1602	2 Point	20
1702	2 Point	20
1742★	2 Point	20
3582	2 Point	20
5572	2 Point	20
5542	2 Point	20

BRASS RULE SHOWN BY SIZES

Unless otherwise noted (★), Brass Rules are made in 24 inch strips

No.	Body	Per Foot
1003	3 Point	\$0 22
2003	3 Point	22
1023	3 Point	22
2023	3 Point	22
1043	3 Point	22
2043	3 Point	22
1063	3 Point	22
2063	3 Point	22
1083	3 Point	22
2083	3 Point	22
2103	3 Point	22
2123	3 Point	22
2143	3 Point	22
1153	3 Point	22
1753	3 Point	28
2563	3 Point	22
2473	3 Point	22
1403	3 Point	22
1453	3 Point	22
1213	3 Point	22
1223	3 Point	22
1233	3 Point	22
2583	3 Point	22
1343	3 Point	22
6583	3 Point	22
2593	3 Point	22

No.	Body	Per Foot
3593	3 Point	\$0 28
3583	3 Point	28
3563	3 Point	28
3473	3 Point	28
1593E	3 Point	28
1593	3 Point	28
1583	3 Point	28
1573	3 Point	28
1563	3 Point	28
1553	3 Point	28
1543	3 Point	28
1493	3 Point	28
1473	3 Point	28
1483	3 Point	28
1603	3 Point	28
1703	3 Point	28
1743★	3 Point	28
1173	3 Point	28
1413	3 Point	22
3423	3 Point	22
1423	3 Point	22
3433	3 Point	22
1433	3 Point	22
1263	3 Point	22
1443	3 Point	22

BRASS RULE SHOWN BY SIZES

Unless otherwise noted (★), Brass Rules are made in 24 inch strips

No.	Body	Per Foot
3113	3 Point	\$0 28
3123	3 Point	28
3043	3 Point	28
1004	4 Point	27
2004	4 Point	27
1024	4 Point	27
2024	4 Point	27
1044	4 Point	27
2044	4 Point	27
1064	4 Point	27
2064	4 Point	27
1084	4 Point	27
2084	4 Point	27
2104	4 Point	27
2124	4 Point	27
2144	4 Point	27
1154	4 Point	27
1754	4 Point	35
1744★	4 Point	35
1724★	4 Point	35

No.	Body	Per Foot
2554	4 Point	\$0 27
2494	4 Point	27
1404	4 Point	27
1454	4 Point	27
1214	4 Point	27
1224	4 Point	27
2484	4 Point	27
1234	4 Point	27
1244	4 Point	27
1444	4 Point	27
1594	4 Point	35
1584	4 Point	35
1574	4 Point	35
1564	4 Point	35
1554	4 Point	35
1544	4 Point	35
1494	4 Point	35
1474	4 Point	35
1484	4 Point	35
1604	4 Point	35

BRASS RULE SHOWN BY SIZES

Unless otherwise noted, Brass Rules are made in 24 inch strips

No.	Body	Per Foot
6584	4 Point	\$0 27
4574	4 Point	27
2584	4 Point	27
4544	4 Point	27
1344	4 Point	27
4474	4 Point	27
4204	4 Point	27
1414	4 Point	27
3424	4 Point	27
1204	4 Point	27
1424	4 Point	27
1434	4 Point	27
3204	4 Point	27
1304	4 Point	27
1264	4 Point	27
1284	4 Point	27
1274	4 Point	27
1314	4 Point	27
1654	4 Point	27

No.	Body	Per Foot
1704	4 Point	\$0 35
1594J	4 Point	35
1594G	4 Point	35
3484	4 Point	35
3554	4 Point	35
3494	4 Point	35
3584	4 Point	35
1005	5 Point	33
1155	5 Point	33
3425	5 Point	33
1415	5 Point	33
1425	5 Point	33
3435	5 Point	33
1435	5 Point	33
6585	5 Point	33
1005½	5½ Point	36
1155½	5½ Point	36
1406	6 Point	40
14546	6 Point	40
1456	6 Point	40

BRASS RULE SHOWN BY SIZES

Unless otherwise noted, Brass Rules are made in 24 inch strips

No.	Body	Per Foot
1216	6 Point	\$0 40
1226	6 Point	40
1256	6 Point	40
1236	6 Point	40
1246	6 Point	40
14336	6 Point	40
14246	6 Point	40
14346	6 Point	40
1416	6 Point	40
3426	6 Point	40
1426	6 Point	40
1206	6 Point	40
2206	6 Point	40
3436	6 Point	40
1436	6 Point	40
1266	6 Point	40
1316	6 Point	40
1276	6 Point	40
1286	6 Point	40

No.	Body	Per Foot
1006	6 Point	\$0 40
2006	6 Point	40
1026	6 Point	40
2026	6 Point	40
1046	6 Point	40
2046	6 Point	40
1066	6 Point	40
2066	6 Point	40
1086	6 Point	40
2086	6 Point	40
2106	6 Point	40
2126	6 Point	40
2146	6 Point	40
2166	6 Point	40
2186	6 Point	40
1156	6 Point	40
1756	6 Point	50
1366	6 Point	50

BRASS RULE SHOWN BY SIZES

Unless otherwise noted (★), Brass Rules are made in 24 inch strips

No.	Body	Per Foot	No.	Body	Per Foot
1446	6 Point	\$0 40	2236	6 Point	\$0 40
1626	6 Point	40	2346	6 Point	40
1636	6 Point	40	6496	6 Point	40
1656	6 Point	40	1396	6 Point	40
1516	6 Point	40	6586	6 Point	40
1746★	6 Point	50	1326	6 Point	40
1736★	6 Point	50	1646	6 Point	40
1716★	6 Point	50	1526	6 Point	40

BRASS RULE FOR TYPE BORDERS

6 Point Stylus Border	40	1776	6 Point	50
6 Point Linear Border No. 2	50	1786	6 Point	50
6 Point Linear Border	50	1796	6 Point	50
6 Point Triple Line Border	40	1766	6 Point	50
3-on-6 Point Mercantile Border No. 49	40	1376	6 Point	50
6 Point Mercantile Border No. 257	40	1336	6 Point	40
6 Point Monotone Border No. 1	40	1346	6 Point	40
6 Point Schuil Border	40	1356	6 Point	40
6 Point Acme Border	40	2926	6 Point	50
		1706	6 Point	50

BRASS RULE SHOWN BY SIZES

Unless otherwise noted, Brass Rules are made in 24 inch strips

No.	Body	Per Foot
1596	6 Point	\$0 50
1586	6 Point	50
1576	6 Point	50
1566	6 Point	50
1556	6 Point	50
1546	6 Point	50
1496	6 Point	50
1476	6 Point	50
1486	6 Point	50
1606	6 Point	50
1596H	6 Point	50
1596G	6 Point	50
1596E	6 Point	50
1596F	6 Point	50
4786	6 Point	50
4796	6 Point	50
1596A	6 Point	50
1596B	6 Point	50
7586	6 Point	50
1596C	6 Point	50
1596J	6 Point	50
1596K	6 Point	50

No.	Body	Per Foot
2596	6 Point	\$0 40
2586	6 Point	40
2576	6 Point	40
2566	6 Point	40
2556	6 Point	40
2546	6 Point	40
2496	6 Point	40
2476	6 Point	40
2486	6 Point	40
2606	6 Point	40
3596	6 Point	50
3586	6 Point	50
3576	6 Point	50
3566	6 Point	50
3556	6 Point	50
3546	6 Point	50
3496	6 Point	50
3476	6 Point	50
3486	6 Point	50
3606	6 Point	50

BRASS RULE SHOWN BY SIZES

No.	Per Foot	No.	Per Foot	No.	Per Foot	No.	Per Foot
1328	\$0 52	1418	\$0 52	3609	\$0 72	14410	\$0 64
6588	52	1428	52	1909	72	16210	64
2588	52	1438	52	11510	64	16310	64
2558	52	1238	52	12310	64	35810	80
2498	52	1248	52	12410	64	35510	80
2488	52	1918	64	1410	64	34910	80
1338	52	1158	52	14210	64	34810	80
1348	52	1448	52	14310	64	65810	64
1358	52	1628	52	13310	64	13210	64
3488	64	1638	52	13410	64	25810	64
3498	64	1319	58	13510	64	25510	64
3558	64	1269	58	24810	64	24910	64
3588	64	1279	58				

The final figures indicate the body of the rule

BRASS RULE SHOWN BY SIZES

No.	Per Foot
65812	\$0 76



13212	76
-------	----



47812	95
-------	----



47912	95
-------	----



14112	76
-------	----



14212	76
-------	----



14312	76
-------	----



12612	76
-------	----



12712	76
-------	----



13112	76
-------	----



11512	76
-------	----



17912	95
-------	----



No.	Per Foot
15212	\$0 76



15112	76
-------	----



15012	76
-------	----



12312	76
-------	----



12412	76
-------	----



13312	76
-------	----



13412	76
-------	----



13512	76
-------	----



17812	95
-------	----



17612	95
-------	----



17712	95
-------	----



17712	95
-------	----



No.	Per Foot
17512	\$0 95




13612	95
-------	----



14412	76
-------	----



16212	76
-------	----



16312	76
-------	----



19012	95
-------	----



19112	95
-------	----



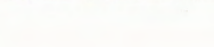
19212	95
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11518	1 16
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17818	1 40
-------	------




13118	1 16
-------	------



13118	1 16
-------	------




No.	Per Foot
12318	\$1 16



12418	1 16
-------	------



13418	1 16
-------	------



13518	1 16
-------	------



15018	1 16
-------	------



15118	1 16
-------	------



15218	1 16
-------	------




47818	1 40
-------	------



19018	1 40
-------	------



19218	1 40
-------	------



19218	1 40
-------	------



19218	1 40
-------	------



The final figures indicate the body of the rule
The 12 point sizes of Litholine and Lithodot rule are shown on page 828

ADVERTISING AND CROSS RULES

ADVERTISING AND CROSS RULES

Cut any length from any of the faces listed under Head Rules, or any single, double, parallel or triple rule shown in this book. For other bodies and lengths, see Table I on page 860

Size	Pica Ems	2 Point	3 Point	4 Point	5 Point	5½ Point	6 Point	8 Point
Single Column	12½ to 15.....	\$0 04	\$0 06	\$0 07	\$0 08	\$0 09	\$0 10	\$0 13
Single Column	15½ to 18.....	05	07	09	10	11	12	16
Double Column	24½ to 27.....	07	10	12	14	16	18	23
Double Column	27½ to 30.....	08	11	14	16	18	20	25
Triple Column	36½ to 42.....	11	14	17	21	23	26	33
Triple Column	42½ to 48.....	12	16	20	24	26	29	37

No. 1002 _____ 2 Point

No. 1022 _____ 2 Point

No. 1042 _____ 2 Point

No. 1062 _____ 2 Point

No. 1082 _____ 2 Point

No. 1402 _____ 2 Point

BRASS HEAD RULES

The following prices are for any single, double, parallel or triple rule shown in this book. Regular sizes using 13 em column and 6 point column rule. For other bodies and lengths, see Table I on page 860. See opposite page for extra charges for specially grooved head rules

Size	Pica Ems	3 Point	4 Point	5 Point	5½ Point	6 Point	7 Point	8 Point
Four Column	53½.....	\$0 18	\$0 22	\$0 26	\$0 29	\$0 32	\$0 37	\$0 41
Five Column	67	24	29	35	37	42	48	55
Six Column	80½.....	28	33	40	44	49	56	63
Seven Column	94	32	38	46	50	56	64	72
Eight Column	107½.....	34	42	51	55	62	71	81
Nine Column	121	40	49	59	65	72	83	93

No. 1403 _____ 3 Point

No. 1404 _____ 4 Point

No. 1454 _____ 4 Point

No. 1423 _____ 3 Point

No. 1424 _____ 4 Point

No. 1425 _____ 5 Point

No. 1426 _____ 6 Point

No. 1434 _____ 4 Point

No. 1435 _____ 5 Point

No. 1436 _____ 6 Point

The above ten faces are flush on body. See pages 850 and 851 for other faces suitable for Head Rules

BRASS DASH RULES AND COLUMN RULES

BRASS DASH RULES

Cut any length face, from any single, double, parallel or triple rule shown in this book
Prices given below are for dash rules cut 12½ to 15 ems. For other bodies and lengths add 5 cents for each piece to price in Table I on page 860

2 Point 1002A	\$0 09	2 Point 1002C	\$0 09
2 Point 1002B	09	2 Point 1002D	09
2 Point 1082B	09	2 Point 1082D	09
3 Point 1403B	11	3 Point 1403D	11
4 Point 1414B	12	4 Point 1414D	12
2 Point 1422B	09	2 Point 1422D	09
3 Point 1423B	11	3 Point 1423D	11
4 Point 1424B	12	4 Point 1424D	12
4 Point 1434B	12	4 Point 1434D	12

BRASS COLUMN RULES

Regular sizes using 13 em column

The usual style has a notch over D to allow for foot slug

Size	Inches	3 Point	4 Point or 3x4	5 Point or 4x5	6 Point or 5x6	7 Point or 6x7	8 Point or 7x8
Four Column	13¼	\$0 30	\$0 35	\$0 42	\$0 51	\$0 58	\$0 65
Five Column	17¼	36	44	53	64	73	83
Six Column	19¼	40	49	59	71	81	91
Seven Column	21¼	44	53	64	78	89	1 00
Eight Column	23¼	47	58	70	84	96	1 09
Nine Column	25¼	51	62	75	91	1 04	1 17

Deduct 2 cents from above prices for Column Rules without notch D.

See Table I on page 860 for prices on other bodies and lengths, to which must be added notching charges listed in table below. Prices for all Column Rules are figured on the basis of length over all. For prices of Labor-Saving Fonts see page 859.

BEVELED LINOTYPE COLUMN RULES

Same prices as above



Column Rule, Style 10, with Regular Head Rule



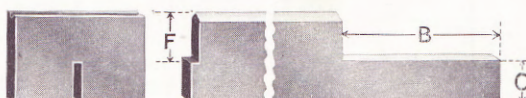
Column Rule, Style 11, with Regular Head Rule



Column Rule, Style 12. Head Rule with Brass Slug or Special Grooved Head Rule, Style 4



Column Rule, Style 13. Special Grooved Head Rule, Style 5



Column Rule, Style 14. Special Notched Head Rule, Style 6



Column Rule, Style 15. Special Notched Head Rule, Style 7

CHARGES FOR NOTCHING COLUMN AND HEAD RULES

Quantity prices for notching apply to one style notch on rules of various lengths.

Style	1 to 49	50 to 99	100 and over
10—Notch over, for foot slug (D), each.....	\$0 02	\$0 02	\$0 02
11—Lug or Shank for Perfecting Press (B).....	10	08	06
12—Notch under (A) and Lug or Shank (B) complete..	15	12	09
12—Notch (A) only, each....	05	04	03
13—Notch for head slug (E) and Lug or Shank (B) complete.....	15	12	09
13—Notch (E) only, each.....	05	04	03
14—Notch (F) and Lug or Shank (B) complete....	15	12	09
14—Notch (F) only, each.....	05	04	03
15—Notch (G) and Lug or Shank (B) complete....	20	16	12
15—Notch (G) only, each.....	10	08	06
Lug or Shank as in Styles 12, 13, 14 and 15, each.....	10	08	06

In ordering Notches or Lugs be careful to give all measurements, as indicated in diagrams.

EXTRA HEAD RULE CHARGES

Style 4, Grooved Head Rule, any length, each.....	\$0 15
Style 5, Grooved Head Rule, any length, each.....	25
Style 6, Head Rule, each slot.....	03
Style 7, Head Rule, each slot.....	05

CUTTING, CREASING AND PERFORATING RULES

PRICE LIST STEEL CUTTING RULES

Prices per Foot	2 Point	3 Point	4 Point	6 Point
Soft (face in center)	No. 102 12 cents	No. 103 15 cents	No. 104 25 cents	No. 106 30 cents
Soft (face on side)	No. 202 12 cents	No. 203 15 cents	No. 204 25 cents	No. 206 30 cents
Hard, black (face in center)	No. 112 15 cents	No. 113 20 cents	No. 114 30 cents	No. 116 35 cents
Hard, black (face on side)	No. 212 15 cents	No. 213 20 cents	No. 214 30 cents	No. 216 35 cents
Hard, polished (face in center)	No. 122 20 cents	No. 123 25 cents	No. 124 35 cents	No. 126 40 cents
Hard, polished (face on side)	No. 222 20 cents	No. 223 25 cents	No. 224 35 cents	No. 226 40 cents

PRICE LIST STEEL CREASING RULES

Prices per Foot	2 Point	3 Point	4 Point	6 Point
Soft	No. 132 12 cents	No. 133 15 cents	No. 134 25 cents	No. 136 30 cents
Hard, black	No. 142 15 cents	No. 143 20 cents	No. 144 30 cents	No. 146 35 cents

BRASS CREASING RULES

2 Point		Per foot \$0 16
3 Point		Per foot 22
4 Point		Per foot 27
6 Point		Per foot 40

PERFORATING RULES

	Per Foot		Per Foot
No. 3172, brass, 2 point ..	\$0 20	No. 6122, steel, 2 point ..	\$0 40
No. 3173, brass, 3 point ..	28	No. 6123, steel, 3 point ..	50
No. 6172, steel, 2 point ..	40	No. 6082, steel, 2 point ..	40
No. 6173, steel, 3 point ..	50	No. 6083, steel, 3 point ..	50

Steel Perforating Rule also put up in fonts of 4 feet cut to pica ems of assorted lengths. Per font: 2 pt. \$2 00; 3 pt. \$2 50

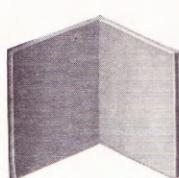
BRASS RULE FOR ROGERS ATTACHMENT TO THE LINOTYPE

The Rogers Attachment to the Linotype machine casts a slot in the linotype slug so that this low brass rule (which is one-fifth the height of regular rule) can be inserted in the slug.

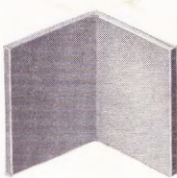
2 Point, per foot	\$0 10
2 Point, per pound (60 feet)	6 00
2 Point, cut labor-saving, per pound	8 00
1½ Point, per foot	08
1½ Point, per pound (80 feet)	6 40
1½ Point, cut labor-saving, per pound	9 00

METAL CORNER QUADS IN FONTS

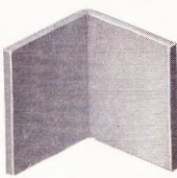
Font No. 1 contains 16 sets, 6 point, with 4 em leg.	\$1 80
Font No. 2 contains 16 sets, 12 point, with 4 em leg.	2 55



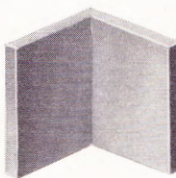
2 Point Brass



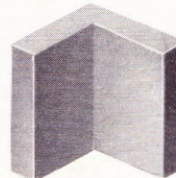
3 Point Brass



4 Point Brass



6 Point Brass or Metal



12 Point Brass or Metal

BRASS AND METAL CORNER QUADS

The use of Corner Quads insures a better junction of mitered corners by preventing them from slipping past each other. They are made in both brass and type metal and sold in sets of four at the following prices:

Brass Corner Quads, 2, 3 or 4 point body, 4 em leg.	\$0 30	Brass Corner Quads, brazed, 12 point, 4 em leg.	\$0 90
Brass Corner Quads, 6 point, 3 em leg.	65	Metal Corner Quads, 6 point, 4 em leg.	30
Brass Corner Quads, brazed, 6 point, 4 em leg.	75	Metal Corner Quads, 12 point, 4 em leg.	30

STEEL CUTTING RULES



Soft or Hard Black Steel Cutting Rule

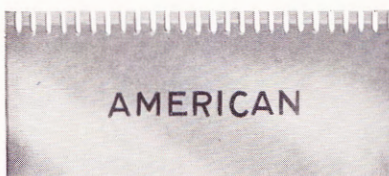


Hard and Polished Steel Cutting Rule

PERFORATING RULES



Brass Nos. 3172 and 3173 Steel Nos. 6172 and 6173



Steel Nos. 6122 and 6123



Steel Nos. 6082 and 6083

PRICE LIST OF BRASS RULE

TABLE G

STRIP RULE

THESE PRICES ARE FOR PLAIN FACES ONLY

Beveled Linotype Column Rule, made in bodies 4x5 point to 11x12 point. Use larger end of body as basis for price.

Point	1	1½	2	3	4	5	5½	6	7	8	9	10	11	12
Price per foot.....	10c	13c	16c	22c	27c	33c	36c	40c	46c	52c	58c	64c	70c	76c

TABLE G1

FANCY RULE IN STRIPS

THESE PRICES ALSO APPLY TO LITHOTONE, LITHODOT AND PERFORATING RULE

Point	1	1½	2	3	4	6	8	10	12	18	24
Price per foot	13c	17c	20c	28c	35c	50c	64c	80c	95c	\$1 40	\$1 90

TABLE B

LABOR-SAVING FONTS OF BRASS RULE

REGULAR FONTS DO NOT CONTAIN MITERS, ROUND OR BRAZED CORNERS, WHICH ARE SOLD SEPARATELY IN FONTS AND SETS

Prices also apply to Beveled Linotype Column Rule. Use larger end of body as basis for price.

These prices are for plain rule only, and for fonts put up according to our standard schemes see page 866. Special scheme fonts differing from our standard schemes, and sorts, will be charged according to prices in Tables H and I.

Size Font	1 Point	1½ Point	2 Point	3 Point	4 Point	6 Point	8 Point	10 Point	12 Point	Leaders ①
1 pound	\$3 50	\$3 00	\$2 50	\$2 35	\$2 20	\$2 00	\$2 00	\$2 00	\$2 00	\$2 50
2 pound	7 00	6 00	5 00	4 65	4 30	4 00	4 00	4 00	4 00	5 00
3 pound	10 50	9 00	7 50	7 00	6 50	6 00	6 00	6 00	6 00	7 50
5 pound	16 00	13 00	11 50	10 50	9 75	9 50	9 50	9 50	9 50	11 50
10 pound	32 00	26 00	23 00	21 00	19 50	19 00	19 00	19 00	19 00	21 00

① Same price for 6, 8, 10 or 12 point

TABLE B1 LABOR-SAVING FONTS OF LITHOTONE AND LITHODOT BRASS RULE

REGULAR FONTS DO NOT CONTAIN MITERS OR BRAZED CORNERS, WHICH ARE SOLD SEPARATELY IN FONTS AND SETS

These prices are for fonts put up according to our standard schemes, see page 866. Special scheme fonts differing from our standard schemes, and sorts, will be charged according to prices in Tables H and I, plus 25 per cent.

Size Font	1 Point	1½ Point	2 Point	3 Point	4 Point	6 Point	8 Point	10 Point	12 Point
1 pound.....	\$4 25	\$3 50	\$3 25	\$3 00	\$2 75	\$2 50	\$2 50	\$2 50	\$2 50
2 pound.....	8 50	7 00	6 00	5 50	5 25	5 00	5 00	5 00	5 00
3 pound.....	12 50	10 00	9 00	8 25	7 75	7 50	7 50	7 50	7 50
5 pound.....	20 00	16 00	14 00	13 00	12 00	11 75	11 75	11 75	11 75
10 pound.....	40 00	32 00	28 00	26 00	24 00	22 00	22 00	22 00	22 00

FONTS OF MITERS

FonTS of miters are put up at following prices, containing the number of sets as noted. A set of miters consists of four right and four left miters.

TABLE D

PRICES FOR PLAIN RULE

Body	No. of Sets		Price Plain Miters	Price Interlocking Miters
	2½ Ems	5 Ems		
1 to 2 point.....	2	2	\$1 10	\$1 50
3 and 4 point.....	2	2	1 40	1 80
5 to 6 point.....	2	1	1 30	1 75
7 and 8 point.....	2	1	1 50	1 95
9 and 10 point.....	1	1	1 20	1 50
11 and 12 point.....	1	1	1 40	1 80

PRICES FOR LITHOTONE RULE, LITHODOT RULE AND ALL FANCY RULE

Body	No. of Sets		Price Plain Miters	Price Interlocking Miters
	2½ Ems	5 Ems		
1 to 2 point.....	2	2	\$1 20	\$1 60
3 and 4 point.....	2	2	1 60	2 00
5 to 6 point.....	2	1	1 45	1 90
7 and 8 point.....	2	1	1 65	2 10
9 and 10 point.....	1	1	1 35	1 65
11 and 12 point.....	1	1	1 55	1 95

TABLE D1

PRICE LIST OF BRASS RULE

BRAZED BRASS CORNERS

MADE FOR ANY BRASS RULE SHOWN EXCEPT
LITHODOT BRASS RULE

	Per Set of Four	
	Plain Rule	Lithotone Rule
2, 3, 4 or 6 point, 2x4 ems.	\$0 75	\$0 85
8, 10 or 12 point, 2x4 ems.	1 00	1 10
14 point, 3x6 ems.	1 25	1 30
18 point, 3x6 ems.	1 35	1 50
24 point, 3x6 ems.	1 60	1 80

See page 840

BRASS ROUND CORNERS

MADE FOR ANY SINGLE, DOUBLE OR TRIPLE LINE BRASS
RULE SHOWN IN THIS CATALOGUE

	Per Set of Four	
2, 3, 4 or 6 point (S), 12 point solid body	\$0 50	
2, 3, 4 or 6 point, 18 point mortised body	75	
8 or 10 point, 24 point mortised body	1 00	
12 point (A), 24 point mortised body	1 00	
12 point, 36 point mortised body	1 25	
18 point, 36 point mortised body	1 25	

See page 841

CUT RULE

Cut Rule includes the following, which are charged as noted:

Sorts of Brass Rule Tables H and I
Special Scheme Fonts Tables H and I
Advertising Rules Tables H and I
Cross and Head Rules Tables H and I
Sorts of Space Rule Table H
Dash Rules Tables H and I, plus 5 cents
Meters over 7 ems and Page Meters, Tables H and I,
plus charges in Table F.

Column Rules, regular and beveled linotype, Table I,
plus the following charges for nothing:
Each notch over to allow for foot slug, 2c extra.
Each notch under to allow for brass reglet, 5c extra;
50 and over, 4c; 100 and over, 3c.
Each lug for perfecting press chases, 10c extra; 50 and
over, 8c; 100 and over, 6c.

TABLE H

PRICES PER 100 PIECES. MORE OR LESS AT SAME RATE

Ems Pica	1 Point	1½ Point	2 Point	3 Point	4 Point	5 Point	5½ Point	6 Point	7 Point	8 Point	9 Point	10 Point	11 Point	12 Point	18 Point
1.....	\$1 00	\$1 00	\$1 10	\$1 50	\$1 80	\$2 00	\$2 20	\$2 30	\$2 70	\$3 10	\$3 50	\$3 90	\$4 20	\$4 60	\$7 00
1½.....	1 00	1 10	1 20	1 60	2 00	2 20	2 40	2 60	3 00	3 50	3 90	4 40	4 70	5 20	7 80
2.....	1 10	1 20	1 30	1 80	2 20	2 50	2 70	2 90	3 40	3 80	4 30	4 80	5 20	5 70	8 60
2½.....	1 20	1 30	1 50	1 90	2 30	2 70	2 90	3 20	3 70	4 20	4 70	5 30	5 70	6 20	9 20
3.....	1 20	1 40	1 60	2 10	2 50	3 00	3 20	3 50	4 00	4 60	5 10	5 80	6 20	6 70	10 20
3½.....	1 30	1 50	1 70	2 20	2 70	3 20	3 50	3 80	4 40	4 90	5 50	6 20	6 70	7 30	11 00
4.....	1 40	1 60	1 80	2 40	2 90	3 40	3 80	4 20	4 80	5 40	6 00	6 80	7 20	7 80	12 00
4½ and 5.....	1 60	1 70	2 00	2 70	3 30	3 80	4 20	4 60	5 30	6 00	6 70	7 40	8 10	8 60	13 40
5½ and 6.....	1 70	1 90	2 20	3 00	3 70	4 30	4 70	5 20	5 90	6 70	7 50	8 30	9 10	9 70	15 00
6½ and 7.....	1 80	2 10	2 40	3 30	4 00	4 80	5 20	5 70	6 60	7 40	8 30	9 20	10 10	10 70	16 60
7½ and 8.....	1 90	2 30	2 70	3 60	4 40	5 20	5 70	6 30	7 20	8 20	9 10	10 10	11 00	11 80	18 20
8½ and 9.....	2 10	2 50	3 00	4 00	4 80	5 70	6 30	6 90	7 90	8 90	10 00	11 00	12 00	12 90	20 00
9½ and 10.....	2 30	2 70	3 30	4 30	5 30	6 30	6 80	7 50	8 60	9 70	11 00	12 00	13 00	14 00	22 00

TABLE I

PRICES PER PIECE IN CENTS

Ems Pica	In.	1 Point	1½ Point	2 Point	3 Point	4 Point	5 Point	5½ Point	6 Point	7 Point	8 Point	9 Point	10 Point	11 Point	12 Point	18 Point
10½ to 12.....	2	3	3	4	5	6	7	8	9	10	11	13	14	15	17	26
12½ to 15.....	2½	3	4	4	6	7	8	9	10	12	13	15	16	18	20	30
15½ to 18.....	3	4	4	5	7	9	10	11	12	14	16	17	19	21	23	34
18½ to 21.....	3½	4	5	6	8	10	11	13	14	16	18	20	22	24	26	40
21½ to 24.....	4	4	5	7	9	11	13	15	16	18	21	22	25	27	30	44
24½ to 27.....	4½	5	6	7	10	12	14	16	18	20	23	24	27	30	33	48
27½ to 30.....	5	5	7	8	11	14	16	18	20	22	25*	27	30	33	36	54
30½ to 33.....	5½	6	7	9	12	15	18	19	21	24	27	29	32	35	39	58
33½ to 36.....	6	6	8	10	13	16	19	21	23	26	29	32	35	39	43	64
36½ to 42.....	7	7	9	11	14	17	21	23	26	29	33	35	40	44	48	70
42½ to 48.....	8	8	10	12	16	20	24	26	29	33	37	40	45	50	54	80
48½ to 54.....	9	9	11	14	18	22	26	29	32	37	41	45	50	56	61	90
54½ to 60.....	10	10	12	15	20	24	29	32	36	41	46	50	56	62	67	100
60½ to 66.....	11	10	13	16	22	26	32	35	39	45	50	55	61	67	73	110
66½ to 72.....	12	11	14	18	24	29	35	37	42	48	55	60	67	73	80	120
72½ to 78.....	13	12	15	19	26	31	37	41	46	52	59	65	72	79	86	130
78½ to 84.....	14	13	16	20	28	33	40	44	49	56	63	70	77	85	92	140
84½ to 90.....	15	14	17	21	30	35	43	47	52	60	67	75	83	91	99	150
90½ to 96.....	16	14	18	23	32	38	46	50	56	64	72	80	88	97	105	160
96½ to 102.....	17	15	20	24	33	40	48	53	59	67	76	85	93	103	111	170
102½ to 108.....	18	16	21	25	34	42	51	55	62	71	81	90	99	108	118	180
108½ to 114.....	19	17	22	27	36	44	54	59	66	75	85	94	104	114	124	188
114½ to 120.....	20	18	23	28	38	47	57	61	69	79	89	99	109	119	130	198
120½ to 126.....	21	19	24	29	40	49	59	65	72	83	93	104	114	125	137	208
126½ to 132.....	22	20	25	31	42	51	62	68	76	87	98	109	120	132	143	218
132½ to 138.....	23	20	26	32	43	53	65	71	79	91	102	114	125	137	149	228
138½ to 144.....	24	21	27	33	45	56	68	74	82	94	107	119	131	143	156	238
144½ to 150.....	25	.....	.....	.....	.....	.....	.....	.....	86	98	111	123	136	149	162	.....
150½ to 156.....	26	.....	.....	.....	.....	.....	.....	.....	89	102	115	128	141	155	168	.....
156½ to 162.....	27	.....	.....	.....	.....	.....	.....	.....	92	106	119	133	146	161	175	.....
162½ to 168.....	28	.....	.....	.....	.....	.....	.....	.....	96	110	123	138	152	167	181	.....

For Lithotone and Lithodot Rule, add 25 per cent to above prices in Tables H and I

PRICE LIST OF BRASS RULE

MITERED PAGES—HALF BRAZED

See illustration on page 844

With the open corners mitered plain or interlocking. To the charges below add price per piece as per Tables H and I for the length of rule used. Be sure to state whether measurements given are inside or outside, and if side face rule whether bevel is inside or outside.

Open Corners, Plain Mitered				Price Per Page, Not Including Rule Used	Open Corners, Interlocking Miters			
2, 3 and 4 Point	6, 8 and 10 Point	12 and 14 Point	18 Point and Thicker		2, 3 and 4 Point	6, 8 and 10 Point	12 and 14 Point	18 Point and Thicker
				When Longest Leg is Less Than				
\$0 40	\$0 45	\$0 55	\$0 70	24 ems	\$0 50	\$0 60	\$0 75	\$0 95
45	50	60	75	36 ems	55	65	80	1 00
50	55	65	80	48 ems	60	70	85	1 05
55	60	70	85	60 ems	65	75	90	1 10
60	65	75	90	72 ems	70	80	95	1 15

Sixteen pages and more of the same face and size, 10 cents per page less; sixty-four pages, 15 cents per page less.

If made from Fancy, Lithotone or Lithotone Rule the prices in Tables H and I are increased 25 per cent, to which the above charges per page are added.

SOLID PAGES

BRAZED AND SOLDERED

Pages of rule can be furnished by Foundry B, Jersey City, made of Mitered Pages, Half Brazed, with the two mitered corners reinforced and soldered. All four corners *cannot* be brazed.

Price, Tables H and I, plus *double* the charges for Mitered Pages, Half Brazed. Thus the charges for a page of 6 point rule 24x36 ems would be the price of the rule according to Table I, plus \$1 00 per page for the brazing and soldering.

MITERS FOR LITHOTONE RULE, LITHODOT RULE AND ALL FANCY RULE
TABLE E2

Body	Prices Per Set of Four Right and Four Left Miters					
	2½ to 3 Ems	3½ to 4 Ems	4½ to 5 Ems	5½ to 6 Ems	6½ to 7 Ems	Extra for Interlocking Miters
1 to 2 point	\$0 25	\$0 30	\$0 35	\$0 40	\$0 45	\$0 10
3 and 4 point	35	40	45	55	60	10
5 and 6 point	45	50	55	60	70	15
8 point	50	60	65	75	80	15
10 point	55	70	80	90	95	15
12 point	65	80	90	1 00	1 10	20
14 point		90	1 00	1 10	1 20	20
16 point		1 00	1 15	1 25	1 40	20
18 point		1 10	1 30	1 45	1 60	20
20 point		1 25	1 40	1 55	1 80	25
24 point		1 35	1 55	1 80	2 00	25

BRASS ROUND CORNERS

FOR FULLFACE RULE

Nos. 18, 18½, 28, 38, 48 or 68, 12 point solid body...\$0 50
Nos. 24, 34, 44 or 64, 18 point mortised body..... 75
Nos. 84, 104, 125, 24 point mortised body..... 1 00
Nos. 124, 184, 36 point mortised body..... 1 25

DIE STAMPED FOR FULLFACE RULE

Nos. 25, 35, 45 or 65, 1½x3 ems.....\$0 75
Nos. 26, 36, 46 or 66, 1½x1½ ems..... 75
Nos. 27, 37, 47 or 67, 1½x6½ ems..... 75
Nos. 210, 310, 410 or 610, 6½x6½ ems..... 75

BRAZED HALF PANELS

See illustration on page 844

MADE IN ONE, TWO, THREE AND FOUR COLUMN WIDTHS
FOR RAPID NEWSPAPER COMPOSITION. OTHER
SIZES MADE AT PROPORTIONATE PRICES

	Prices Per Set of Two	Ems	2	3	4	6	8	10	12	18
			Pt.	Pt.	Pt.	Pt.	Pt.	Pt.	Pt.	Pt.
Plain Rule...	3x13	80	80	80	95	1 00	1 15	1 25	1 50	
All Lithotone	3x13	85	85	85	1 00	1 10	1 20	1 35	1 75	
Plain Rule...	3x26½	90	90	90	1 10	1 25	1 35	1 50	2 00	
All Lithotone	3x26½	95	95	95	1 20	1 35	1 50	1 70	2 25	
Plain Rule...	3x40	1 05	1 05	1 05	1 35	1 45	1 65	1 85	2 40	
All Lithotone	3x40	1 10	1 10	1 10	1 45	1 60	1 85	2 10	2 75	
Plain Rule...	3x53½	1 25	1 25	1 25	1 50	1 75	2 00	2 25	3 00	
All Lithotone	3x53½	1 35	1 35	1 35	1 65	1 95	2 25	2 55	3 50	

Single, double or triple column panels can be cut in half for emergency pieces with which to make wider columns with straight pieces.

SPECIAL FONTS OF RULE FOR USE WITH BRAZED HALF PANELS

FonTS contain 6 pieces each 1 to 4 ems by ½ ems; 8 pieces each 5 to 10 ems by ems; 2 pieces each 12, 15, 18, 21, 24, 27, 30, 33 and 36 ems (2 inches to 6 inches by ½ inches); 2 pieces each 42, 48, 54, 60 and 72 ems (7 inches to 12 inches).

The font of 6 point rule weighs about 6 pounds.

2 point\$4 40 8 point\$13 80
3 point 6 00 10 point 16 80
4 point 7 60 12 point 20 00
6 point10 80 18 point 30 00

For Lithotone or Fancy Rule add 25 per cent.

SETS OF MITERS

MITERS FOR PLAIN RULE TABLE E1

Body	2½ to 3 Ems	3½ to 4 Ems	4½ to 5 Ems	5½ to 6 Ems	6½ to 7 Ems	Extra for Interlocking Miters
1 to 2 point	\$0 25	\$0 30	\$0 30	\$0 35	\$0 40	\$0 10
3 to 4 point	30	35	40	45	50	10
5 to 6 point	40	45	50	55	60	15
7 to 8 point	45	55	60	65	70	15
9 to 10 point	50	60	70	80	85	15
11 to 12 point	60	70	80	90	1 00	20
14 point		80	90	1 00	1 10	20
16 point		90	1 00	1 15	1 25	20
18 point		1 00	1 15	1 25	1 40	20
20 point		1 10	1 20	1 35	1 55	25
24 point		1 20	1 35	1 55	1 75	25

PAGE MITERS AND MITERS OVER SEVEN EMS

Are sold by the "price per piece," as per Tables H and I for length of rule used, plus the following prices per page or set of miters:

PRICES FOR PLAIN RULE TABLE F

Pages	1 to 4 Pt. Per Page	5 to 10 Pt. Per Page	11 to 18 Pt. Per Page	Over 18 Pt. Per Page
3 or less	\$0 24	\$0 30	\$0 38	\$0 54
4 to 16	20	24	30	38
Over 16	18	21	26	30
*Add	10	15	20	25

*Add this for Interlocking Miters.

If made from Fancy, Lithotone or Lithotone Rule the prices in Tables H and I are increased 25 per cent, to which the above charges per page are added.

PRICE LIST OF BRASS RULE

AMERICAN LINE BRASS LEADERS

LABOR-SAVING FONTS

These prices are for Regular Scheme Fonts. In the 5 pound fonts the longest piece is 15 ems and in the 10 pound fonts 20 ems, cut by half ems pica up to 4 ems and even ems pica above 4 ems.

TABLE C

Size Font	6 Point	8 Point	10 Point	12 Point
1 pound	\$2 50	\$2 50	\$2 50	\$2 50
2 pound	5 00	5 00	5 00	5 00
3 pound	7 50	7 50	7 50	7 50
5 pound	11 50	11 50	11 50	11 50
10 pound	21 00	21 00	21 00	21 00

SORTS

Sorts and special scheme fonts are cut to order and sold at "price per piece" listed in Tables H and I. All bodies other than those listed are cut to order only and sold at "price per piece" listed in Tables H and I.

Sorts are sold per 100 pieces at the following prices. For other bodies and lengths see Table H. (Prices taken from Table H.)

Ems	1	1½	2	2½	3	3½	4
6 point	\$2 30	\$2 60	\$2 90	\$3 20	\$3 50	\$3 80	\$4 20
8 point	3 10	3 50	3 80	4 20	4 60	4 90	5 40
10 point	3 90	4 40	4 80	5 30	5 80	6 20	6 80
12 point	4 60	5 20	5 70	6 20	6 70	7 30	7 80

AUXILIARY FONTS OF BRASS LEADERS

An equal number of pieces of each length 1 to 4 ems by half ems, figured at prices in Table H. Weighing approximately 1 pound.

Point	No. Pieces Each Length	Per Font
6	15	\$3 35
8	11	3 25
10	9	3 35
12	7	3 05

BRASS PERFORATING RULE

	Per Foot	①Fonts
No. 3172, 2 point, .930 high	\$0 20	\$1 30
No. 3172A, 2 point, type high	20	1 30
No. 3173, 3 point, .930 high	28	1 80
No. 3173A, 3 point, type high	28	1 80

①Fonts contain 4 feet cut from 2 to 16 ems.

NOTCHING OR NICKING RULE FOR IDENTIFICATION

Regular and special fonts and cut rules per 100 pieces all bodies.

TABLE J

Prices per 100 Pieces	Less than 200 Pieces	200 to 999 Pieces	1000 to 4999 Pieces
At one end (1 notch)	\$0 10	\$0 06	\$0 04
Both ends (2 notches)	20	12	8
One end and bottom (2 notches)	20	12	8
Both ends and bottom (3 notches)	30	18	12
Both ends and both bottoms (4 notches)	40	24	16
Any position—per notch	10	6	4

5000 pieces and over at one-half the prices for 1000 to 4999 pieces.

BRASS LEADS AND SLUGS

PRICES PER POUND

Point	Strips	Labor-Saving ①	Cut to Measure			
			4 Ems to 9½ Ems ②	3 and 3½ Ems	2 and 2½ Ems	1 and 1½ Ems
1	\$1 30	\$1 60	\$1 85	\$2 25	\$2 75	\$3 25
1½	1 25	1 50	1 70	2 00	2 40	2 80
2	1 20	1 35	1 50	1 65	2 00	2 40
3	1 15	1 30	1 45	1 55	1 90	2 30
4	1 10	1 25	1 40	1 50	1 80	2 10
6	1 05	1 20	1 30	1 45	1 70	2 00

①25 pounds and over. Also cut to measure 10 ems and longer, 1 pound and over of a length.

A 25 pound font of 2 pt. Brass Leads contains 74 pieces each length 4 to 25 ems.

②Also 5 and 10 pound Labor-Saving Fonts. Also 10 ems and longer less than 1 pound of a length.

Fonts of 1 point American Line Brass Leads,

1 pound (1 to 20 ems)\$2 00

Point	5 lb. Font	10 lb. Font	15 lb. Font	20 lb. Font	25 lb. Font	100 lb. Font
1	\$9 25	\$18 50	\$27 00	\$34 00	\$40 00	\$160 00
1½	8 50	17 00	24 75	31 00	37 50	150 00
2	7 50	15 00	21 75	28 00	33 75	135 00
3	7 00	14 00	21 00	27 00	32 50	130 00
4	7 00	14 00	20 25	26 00	31 25	125 00
6	6 50	13 00	18 75	25 00	30 00	120 00

Special scheme fonts will be billed at the cut-to-measure prices, which are a trifle higher than these regular scheme font prices.

RULE FOR OUTLOOK ENVELOPE

Made of 2 point rule, size of opening of Outlook Envelope, mounted on metal block. Size face of rule 1¼x5 inches. Block trimmed to 10½x33 ems pica.

No. 1022 (¼ point face)\$3 50
No. 1082 (1 point face) 3 50

AUXILIARY FONTS OF RULE

FORMERLY SPACE RULE FONTS

Consisting of all faces and bodies from 1 to 12 point, containing an equal number of each length from 1 em pica to 4 ems pica inclusive by ½ ems pica. Fonts weigh, approximately, one pound.

TABLE K

Point	No. Pieces Each Length	Per Font	Point	No. Pieces Each Length	Per Font
1	90	\$7 35	6	15	\$3 35
1½	59	5 35	7	13	3 35
2	45	4 60	8	11	3 25
3	30	4 05	9	10	3 30
4	22	3 60	10	9	3 35
5	18	3 40	11	8	3 20
5½	16	3 30	12	7	3 05

BRASS SQUARES

Font containing two sets each 6, 8, 10 and 12 point and one set (4) each of 14, 18, 24 and 36 point

.....\$2 50

PRICES IN SETS

Point	No. of Sets	Price	Point	No. of Sets	Price
6	5	\$0 50	16	2	\$0 50
8	4	50	18	2	50
10	3	50	24	1	50
12	3	50	30	1	60
14	2	50	36	1	75

PRICES AND WEIGHTS OF BRASS RULE IN GROUPS

PRICES OF BRASS RULE TOTALED IN GROUPS

TAKEN FROM TABLES H AND I

These prices are for Plain Rule

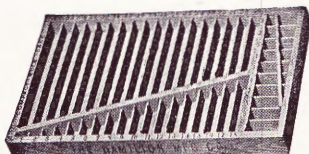
Price of One Piece Each	1	1½	2	3	4	5	5½	6	7	8	9	10	11	12	18
1 to 4 by ½ ems	\$0.082	\$0.091	\$0.102	\$0.135	\$0.164	\$0.190	\$0.207	\$0.225	\$0.260	\$0.295	\$0.330	\$0.372	\$0.400	\$0.435	\$0.658
4½ to 10 by ½ ems ....	.228	.264	.312	.418	.510	.602	.658	.724	.830	.938	1.052	1.160	1.266	1.354	2.102
1 to 10 by ½ ems .....	.310	.355	.414	.553	.674	.792	.865	.949	1.110	1.233	1.382	1.532	1.666	1.789	2.760
1 to 4 by ems .....	.047	.052	.058	.078	.094	.109	.119	.129	.149	.169	.189	.213	.228	.248	.378
5 to 10 by ems .....	.114	.132	.156	.209	.255	.301	.329	.362	.415	.469	.526	.580	.633	.677	1.052
1 to 10 by ems .....	.161	.184	.214	.287	.349	.410	.448	.491	.564	.638	.715	.793	.861	.925	1.430
11 to 15 by ems .....	.15	.18	.20	.28	.33	.38	.43	.48	.56	.61	.71	.76	.84	.94	1.42
16 to 20 by ems .....	.20	.22	.27	.37	.47	.52	.59	.64	.74	.84	.91	1.01	1.11	1.21	1.82
11 to 20 by ems .....	.35	.40	.47	.65	.80	.90	1.02	1.12	1.30	1.45	1.62	1.77	1.95	2.15	3.24
21 to 25 by ems .....	.21	.26	.34	.45	.55	.64	.74	.80	.90	1.04	1.10	1.24	1.35	1.49	2.20
26 to 30 by ems .....	.25	.33	.38	.53	.66	.76	.86	.96	1.06	1.21	1.29	1.44	1.59	1.74	2.58
31 to 36 by ems .....	.36	.45	.57	.75	.93	1.11	1.20	1.32	1.50	1.68	1.83	2.01	2.22	2.46	3.66
21 to 36 by ems .....	.82	1.04	1.29	1.73	2.14	2.51	2.80	3.08	3.46	3.93	4.22	4.69	5.16	5.69	8.44
1 to 36 by ½ ems to 10.	1.48	1.795	2.174	2.933	3.164	4.202	4.785	5.149	5.87	6.613	7.222	7.992	8.776	9.629	14.44
1 to 36 by ems	1.331	1.624	1.974	2.667	3.289	3.82	4.368	4.691	5.324	6.018	6.555	7.253	7.971	8.765	13.11
37 to 42 by ems .....	.42	.54	.66	.84	1.02	1.22	1.38	1.56	1.74	1.98	2.10	2.40	2.64	2.88	4.20
43 to 48 by ems .....	.48	.60	.72	.96	1.20	1.44	1.56	1.74	1.98	2.22	2.40	2.70	3.00	3.24	4.80
49 to 50 by ems .....	.18	.22	.28	.36	.44	.52	.58	.64	.74	.82	.90	1.00	1.12	1.22	1.80
37 to 50 by ems	1.08	1.36	1.66	2.16	2.66	3.18	3.52	3.94	4.46	5.02	5.40	6.10	6.76	7.34	10.80
1 to 50 by ½ ems to 10.	2.56	3.155	3.834	5.093	5.824	7.382	8.305	9.089	10.33	11.633	12.622	14.092	15.476	16.969	25.24
1 to 50 by ems	2.411	2.984	3.634	4.827	5.949	7.00	7.888	8.631	9.984	11.038	11.955	13.353	14.671	16.105	23.91
10 to 30 by ems .....	.833	1.017	1.223	1.673	2.063	2.363	2.688	2.955	3.346	3.797	4.12	4.57	5.02	5.52	8.24
10 to 36 by ems	1.093	1.467	1.793	2.423	2.993	3.473	3.888	4.275	4.846	5.477	5.95	6.58	7.24	7.98	11.90

TABLE OF WEIGHTS OF BRASS RULE

Showing the approximate weight of one piece each of different lengths by groups
Weight is given in pounds and decimals of a pound

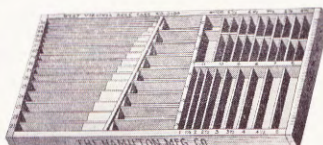
Size	1	1½	2	3	4	5	5½	6	7	8	9	10	11	12	18
1 to 4 by ½ ems .....	.011	.017	.022	.033	.044	.055	.061	.066	.077	.088	.099	.111	.121	.132	.198
4½ to 10 by ½ ems ....	.056	.084	.112	.168	.224	.28	.308	.336	.392	.448	.504	.560	.616	.672	1.008
1 to 10 by ½ ems .....	.067	.101	.134	.201	.27	.335	.369	.402	.469	.536	.603	.671	.737	8.04	1.206
1 to 4 by ems .....	.006	.009	.012	.018	.024	.030	.033	.036	.042	.048	.054	.060	.066	.072	.108
5 to 10 by ems .....	.029	.044	.058	.087	.116	.145	.160	.174	.203	.232	.261	.29	.319	.348	.522
1 to 10 by ems .....	.035	.053	.070	.105	.140	.175	.193	.21	.245	.280	.315	.35	.385	.420	.630
11 to 15 by ems .....	.042	.063	.084	.126	.168	.21	.23	.252	.292	.336	.378	.420	.462	.504	.756
16 to 20 by ems .....	.058	.087	.116	.174	.232	.29	.32	.348	.406	.464	.522	.580	.638	.696	1.044
11 to 20 by ems .....	.10	.15	.20	.30	.40	.50	.55	.60	.698	.80	.90	1.00	1.10	1.20	1.80
21 to 25 by ems .....	.074	.11	.15	.22	.30	.37	.41	.44	.52	.59	.66	.74	.81	.89	1.33
26 to 30 by ems .....	.090	.14	.18	.27	.36	.45	.50	.54	.63	.72	.81	.90	.99	1.08	1.62
31 to 36 by ems .....	.129	.19	.26	.39	.52	.65	.71	.74	.91	1.03	1.16	1.29	1.42	1.55	2.32
21 to 36 by ems .....	.293	.44	.59	.88	1.18	1.47	1.62	1.72	2.06	2.34	2.63	2.93	3.22	3.52	5.27
1 to 36 by ½ ems to 10.	.46	.69	.92	1.38	1.85	2.31	2.54	2.72	3.23	3.68	4.14	4.60	5.06	5.52	8.28
1 to 36 by ems .....	.427	.64	.86	1.29	1.72	2.15	2.36	2.53	3.00	3.42	3.84	4.28	4.70	5.14	7.70
37 to 42 by ems .....	.152	.23	.30	.46	.61	.76	.84	.91	1.06	1.22	1.37	1.52	1.67	1.82	2.74
43 to 48 by ems .....	.175	.26	.35	.53	.70	.88	.96	1.05	1.23	1.40	1.59	1.75	1.92	2.10	3.15
49 to 50 by ems .....	.063	.10	.13	.19	.25	.32	.35	.378	.44	.50	.57	.63	.693	.76	1.13
37 to 50 by ems .....	.39	.59	.78	1.18	1.56	1.96	2.15	2.34	2.73	3.12	3.53	3.90	4.28	4.68	7.02
1 to 50 by ½ ems to 10.	.85	1.28	1.70	2.56	3.41	4.26	4.69	5.06	5.95	6.80	7.66	8.50	9.34	10.20	15.30
1 to 50 by ems .....	.818	1.23	1.64	2.47	3.28	4.11	4.51	4.87	5.73	6.54	7.37	8.18	8.99	9.82	14.72
10 to 30 by ems .....	.269	.40	.54	.80	1.07	1.34	1.48	1.61	1.88	2.15	2.42	2.69	2.96	3.23	4.85
10 to 36 by ems .....	.399	.60	.80	1.19	1.59	1.99	2.18	2.39	2.79	3.19	3.59	3.99	4.38	4.79	7.18

Prices given are for 2 point plain rule only, without case. Give number of face when ordering



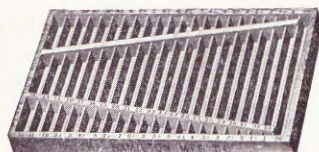
FONT OF 2 POINT RULE NO. 3045A
FOR COMPACT QUARTER SIZE
RULE CASE

20 pieces each length 1 to 10 ems
by ½ ems; 20 pieces each length
11 to 36 ems by ems. Weight about
18 lbs. Price.....\$38 00



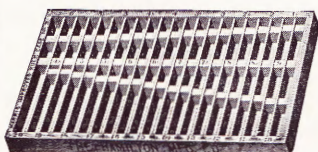
FONT OF 2 POINT RULE NO. 3090A
FOR WEST VIRGINIA RULE CASE

Regular 15 lb. font 1 to 36 ems and
75 pieces each length 1 to 5 ems by
½ ems. Weight about 18 lbs.
Price.....\$38 00



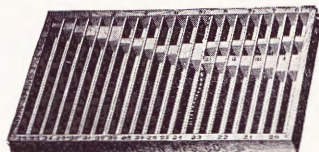
FONT OF 2 POINT RULE NO. 3050A
FOR PERFECTION QUARTER SIZE
RULE CASE

36 pieces each length 1 to 10 ems by
½ ems; 36 pieces each length 11 and
12 ems; 18 pieces each length 13 to 36
ems by ems. Weight about 19½ lbs.
Price.....\$45 00



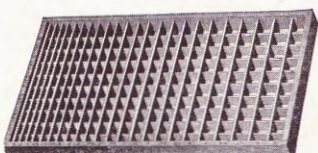
FONT OF 2 POINT RULE NO. 1520A FOR NOS. 3015 AND 3020 HARRIS RULE CASES

72 pieces each length 1 to 9 ems by ½ ems; 36 pieces each length 10 to 24 ems
by ems; 18 pieces each length 25 to 36 ems by ems. Weight about 30 lbs.
Price.....\$69 00



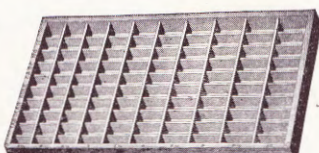
FONT OF BRASS LEADERS TO AP-
PROXIMATELY FILL CASE NO. 3055

Weight about 18 lbs. For 6, 8, 10
or 12 point. Price.....\$33 00



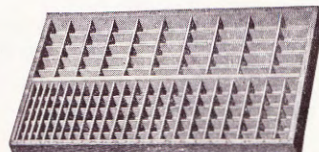
FONT OF 2 POINT RULE NO. 10A FOR
TABULAR RULE CASE

600 pieces each length 1 to 3 ems
by ems, and 400 pieces each 3½,
4, 4½ and 5 ems. Price.....\$68 00



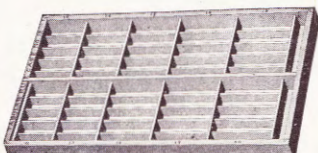
FONT OF 2 POINT RULE NO. 11A FOR
TABULAR RULE CASE

200 pieces each length 5½ to 10
ems by ½ ems. Price.....\$52 00



FONT OF 2 POINT RULE NO. 15A FOR
TABULAR RULE CASE

300 pieces each length 1 to 3 ems by
½ ems; 200 pieces each length 3½, 4,
4½ and 5 ems; 100 pieces each length
5½ to 10 ems by ½ ems. Price \$60 00



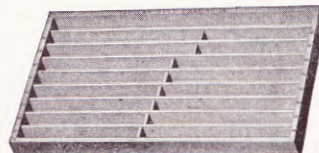
FONT OF 2 POINT RULE NO. 12A FOR
TABULAR RULE CASE

100 pieces each length 11 to 20 ems
by ems. Price.....\$47 00



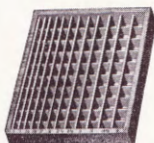
FONT OF 2 POINT RULE NO. 13A FOR
TABULAR RULE CASE

30 pieces each length 21 to 36 ems
by ems. Price.....\$38 00



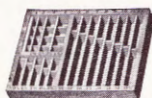
FONT OF 2 POINT RULE NO. 14A FOR
TABULAR RULE CASE

20 pieces each length 37 to 50 ems
by ems. Price.....\$33 00



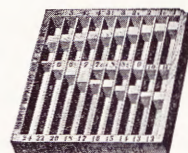
FONT OF 2 POINT RULE NO. 17A FOR
TABULAR RULE CASE

400 pieces each length 1 to 3 ems
by ½ ems, and 200 pieces each
3½ and 4 ems. Price.....\$23 00



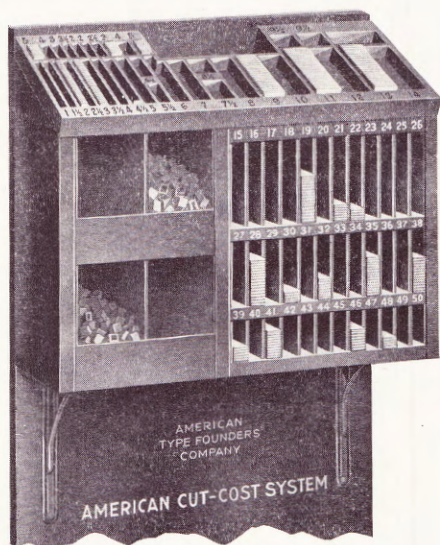
FONT OF 2 POINT RULE NO. 3197A FOR
MIDGET LEAD CASE

60 pieces each length 1, 2, 3 and 4
ems; 12 pieces each length 1½ to 9½
ems—½ em sizes only; 12 pieces
each length 5 to 20 ems by ems.
Weight about 3¾ lbs. Price. \$11 00



FONT OF 2 POINT RULE NO. 3097A FOR
EIGHTH SIZE CASE

20 pieces each 1 to 9 ems by ½ ems;
20 pieces each 10 to 24 ems (except
19, 21 and 23). Weight about 10 lbs.
Price.....\$18 00



Nos. 9041-C (Wood) and 546-C (Steel) Cut-Cost Brass Rule and Quotation Cabinets.

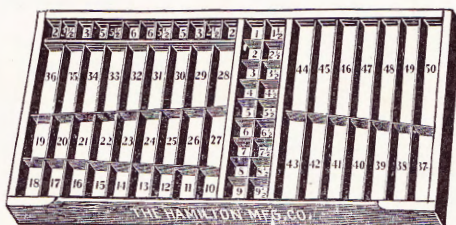
These cabinets hold 2 point Brass Rule as follows: 266 pieces each 1 to 5 picas, graduated by ems, and from 6 to 14 picas, graduated by ems; 100 pieces each 5½, 6½, 7½, 8½, and 9½ picas; 144 pieces each 15 to 26 picas by ems; 96 pieces each 27 to 38 picas by ems; 63 pieces each 39 to 50 picas by ems; and 8 sets of miters 2, 2½, 3, 4 and 5 picas, outside. Unit fonts are supplied as follows:

No. 546-E—Unit font 2 point Labor-Saving Brass Rule for Cabinets Nos. 546, 546-C and 9041, any plain face rule; 70 pieces each 1 to 5 picas by ems; 33 pieces 5½, 6½, 7½, 8½, and 9½ picas; 70 pieces 6, 7, 8, 9 and 10 to 14 picas by ems; 46 pieces 15 to 26 picas by ems; 32 pieces 27 to 38 picas by ems; and 20 pieces 39 to 50 picas by ems (no miters); approx. weight, 58 lbs.; three fonts fill one cabinet. Price, one unit, No. 546-E,.....\$125 00

No. 546-F—Full font 2 point Miters, any plain face rule; 8 sets each of 2, 2½, 3, 4 and 5 picas outside. Price...\$10 00

No. 546-G—Half font 2 point Miters, any plain face rule; 4 sets of lengths as in font No. 546-F. Price.....\$5 00

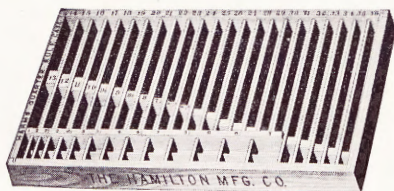
A set of miters consists of 4 right and 4 left miters.



FONT OF 2 POINT RULE No. 2830A FOR ORDINARY FULL SIZE RULE CASE (1 to 50 Ems)

50 pieces each length 1 to 10 ems by ½ ems; 50 pieces each length 11 to 50 ems by ems. Weight about 85 lbs. Price.....\$170 00

(Boxes for sizes 1 to 9½ ems are 1½x1½ inches; will hold more than 50 pieces of some sizes. Cases have 12 extra boxes 1 inch square for miters and corners.)

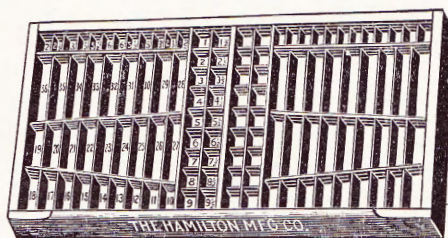


FONT OF 2 POINT RULE No. 3060A FOR HARMS QUARTER SIZE RULE CASE

40 pieces each length 1 to 7 ems by ½ ems; 16 pieces each length 7½ to 10 ems by ½ ems; 16 pieces each length 11 to 36 ems by ems. Weight about 16 lbs. Price....\$37 00

FONT OF 2 POINT RULE FOR TABULAR RULE CASES NOS. 12, 13, 14 AND 15—4 QUARTER CASES IN A BLANK CASE (1 to 50 Ems)

300 pieces each length 1 to 3 ems by ½ ems; 200 pieces each length 3½ to 5 ems by ½ ems; 100 pieces each length 5½ to 10 ems by ½ ems; 100 pieces each length 11 to 20 ems by ems; 30 pieces each length 21 to 36 ems by ems; 20 pieces each length 37 to 50 ems by ems. Weight about 71 lbs. Price.....\$163 00

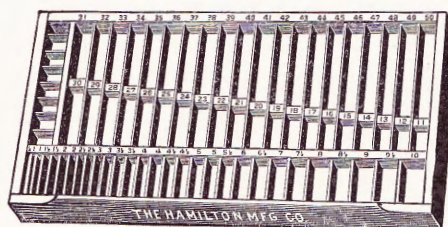


FONT OF 2 POINT RULE No. 2835A FOR FURNEAUX FULL SIZE RULE CASE

(Case holds 2 fonts of the sizes listed below)

50 pieces each length 1 to 10 ems by ½ ems; 40 pieces each length 11 to 36 ems by ems. Weight about 37 lbs. Price, each font.....\$81 00

(Boxes for sizes 1 to 9½ ems are 1½x1½ inches. Case also has 12 boxes for miters or corners for each font.)



FONT OF 2 POINT RULE No. 2845A FOR HARMS FULL SIZE RULE CASE (1 to 50 Ems)

250 pieces each length 1 to 5 ems by ½ ems; 125 pieces each length 5½ to 10 ems by ½ ems; 40 pieces each length 11 to 36 ems by ems; 40 pieces each length 37 to 50 ems by ems. Weight about 83½ lbs. Price.....\$192 00

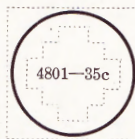
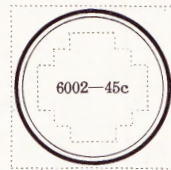
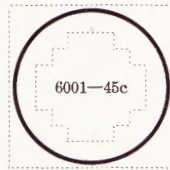
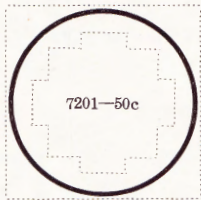
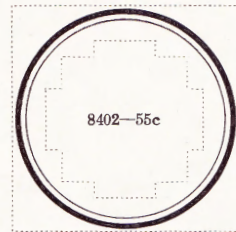
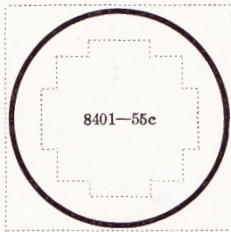
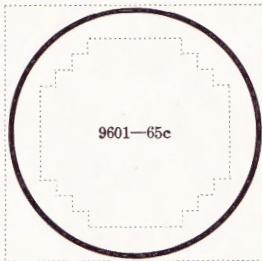
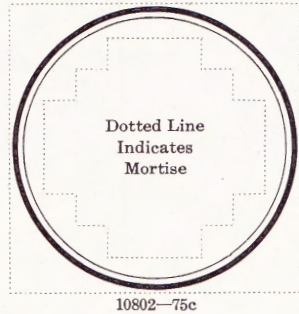
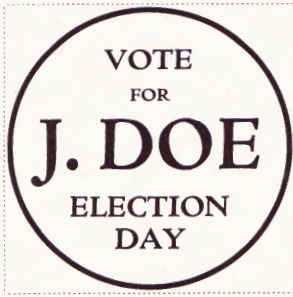
FONT OF 2 POINT RULE No. 2845B FOR HARMS FULL SIZE RULE CASE (1 to 50 Ems)

150 pieces each length 1 to 5 ems by ½ ems; 75 pieces each length 5½ to 10 ems by ½ ems; 40 pieces each length 11 to 20 ems by ems; 30 pieces each length 21 to 36 ems by ems; 20 pieces each length 37 to 50 ems. Weight about 54 lbs. Price.....\$124 00

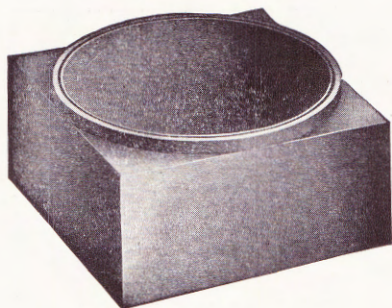
(This font does not fill case and leaves room to sort up on any needed sizes.)

MORTISED METAL CIRCLES

Square outside, mortised inside, as indicated by dotted lines



BRASS SQUAROUND CIRCLES

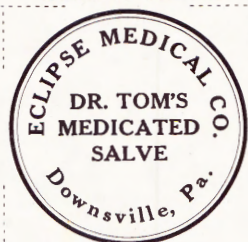


Square outside—round inside

Size Block	Face	Price Each
3 em (1/2 in.)	1432.....	\$1 00
4 1/2 em (3/4 in.)	1432.....	1 10
6 em (1 in.)	1433.....	1 20
7 1/2 em (1 1/4 in.)	1433.....	1 30
9 em (1 1/2 in.)	1433.....	1 40
10 1/2 em (1 3/4 in.)	1434.....	1 50
12 em (2 in.)	1434.....	1 60
13 1/2 em (2 1/4 in.)	1435.....	1 70
15 em (2 1/2 in.)	1435.....	1 80
16 1/2 em (2 3/4 in.)	1436.....	1 90
18 em (3 in.)	1436.....	2 00

(The size in inches is given for comparison with inch sizes)

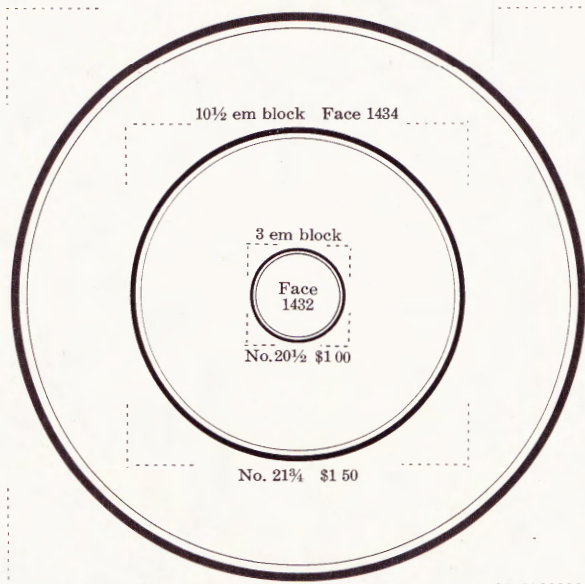
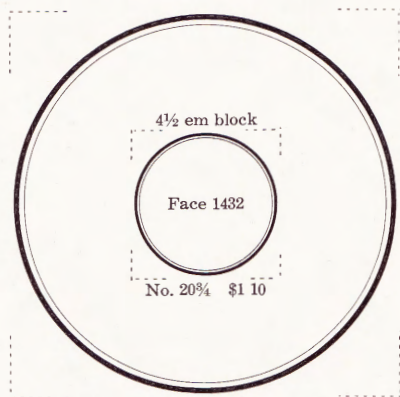
7 1/2 em block Face 1433



No. 21 1/4 \$1 30

In the above price list we show the popular double rule series No. 143, but we can furnish other single, double or triple line faces shown in this catalogue.

The dotted rule at the four corners shows size of the square block on which the circle is made



Squaround Circles are trimmed to 12 point ems



Squaround Brass Circles do away with the annoyance of justifying old-style round circles in the form. The matter on inside of circle is set in the usual manner and the Squaround Circle is inserted in the form as easily as a piece of type or furniture

BRASS CIRCLES

REGULAR SIZES

Outside
Diameter

$\frac{3}{4}$ in. $1\frac{1}{2}$ in.
 $\frac{7}{8}$ in. $1\frac{3}{4}$ in.
 1 in. 2 in.
 $1\frac{1}{8}$ in. $2\frac{1}{4}$ in.
 $1\frac{1}{4}$ in. $2\frac{1}{2}$ in.

Any size or face
can be made to
order

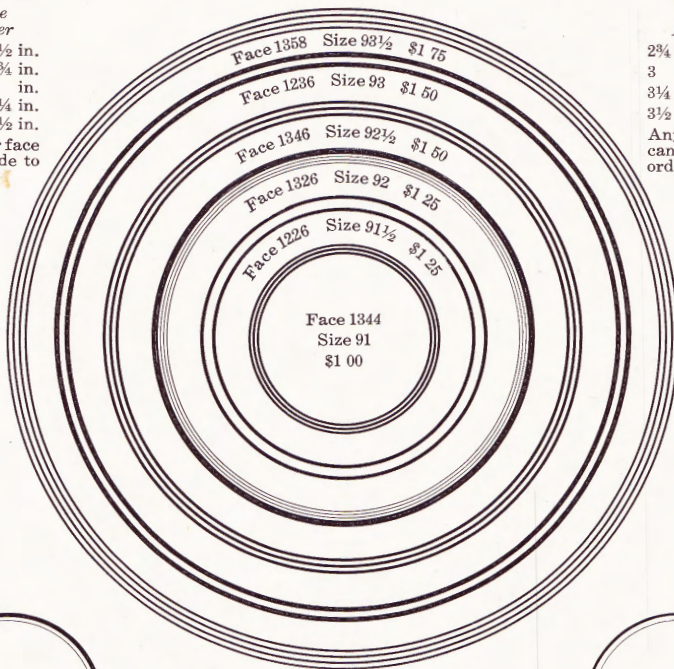
BRASS CIRCLES

REGULAR SIZES

Outside
Diameter

$2\frac{3}{4}$ in. $3\frac{3}{4}$ in.
 3 in. 4 in.
 $3\frac{1}{4}$ in. $4\frac{1}{4}$ in.
 $3\frac{1}{2}$ in. $4\frac{1}{2}$ in.

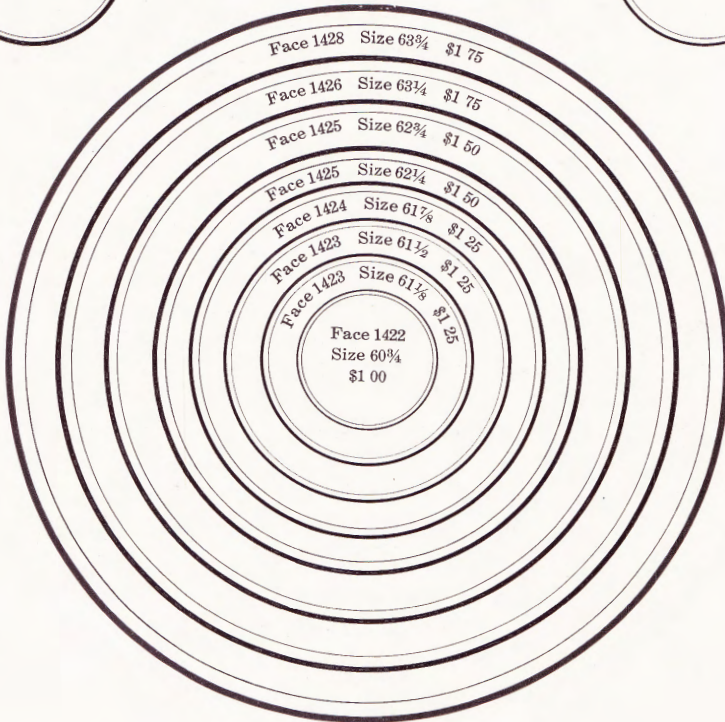
Any size or face
can be made to
order



Face 1433
Size 51
\$1 00

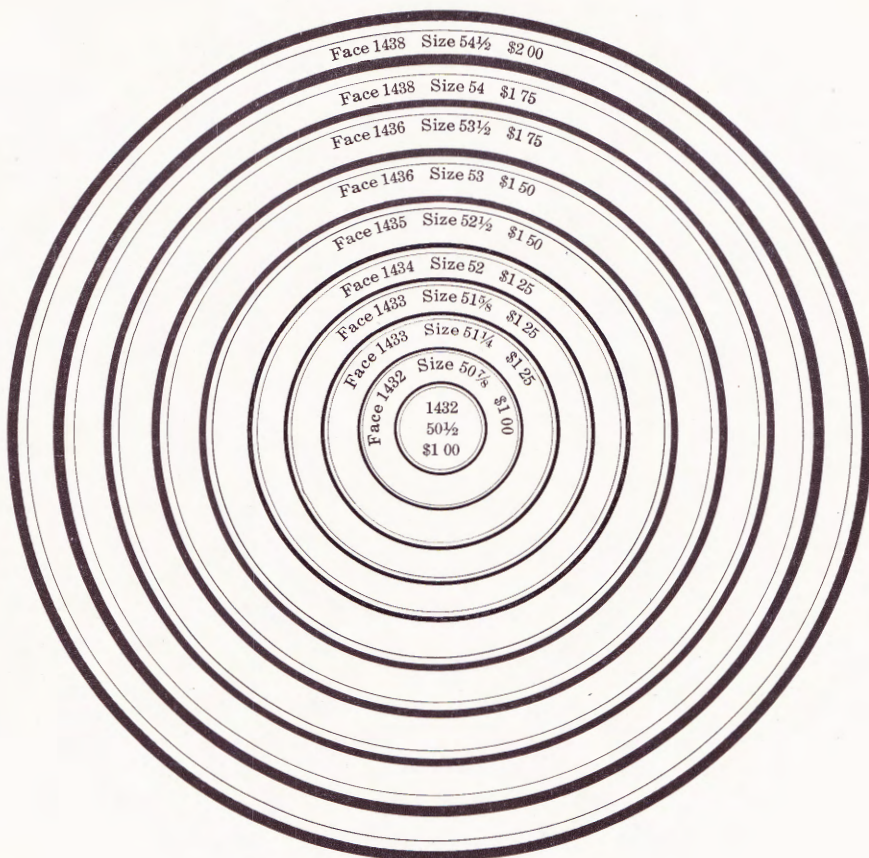
The last figure and fraction in the size number
denotes the diameter of the circle in inches

Face 1423
Size 61
\$1 00

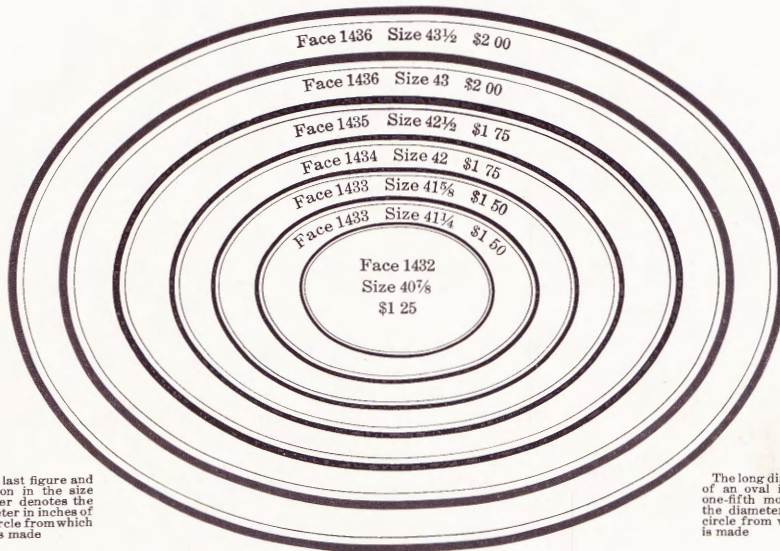


BRASS CIRCLES AND OVALS

BRASS CIRCLES



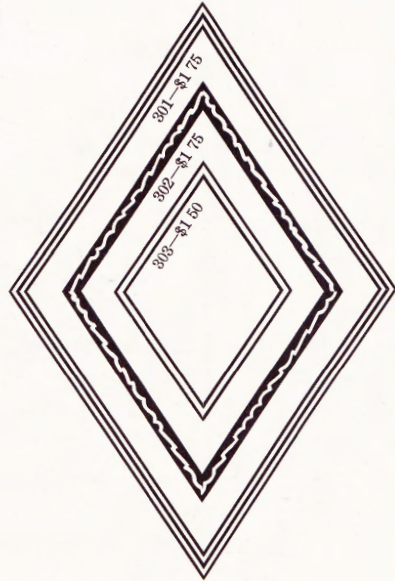
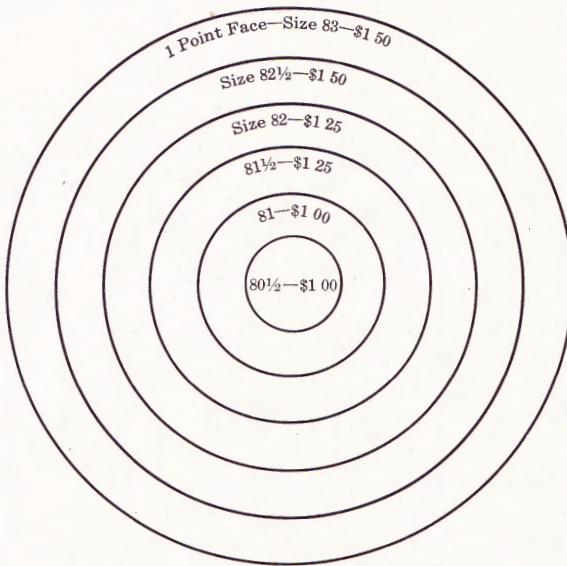
BRASS OVALS



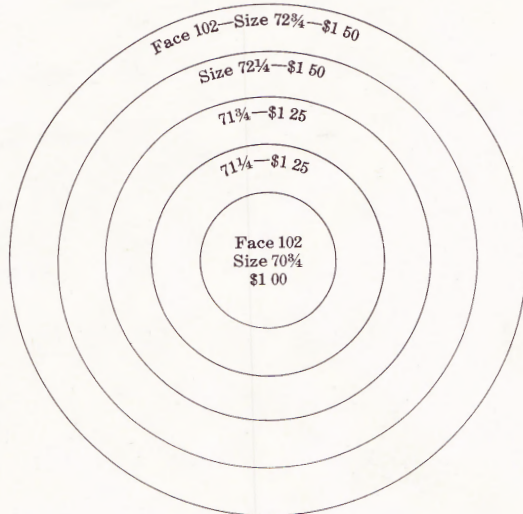
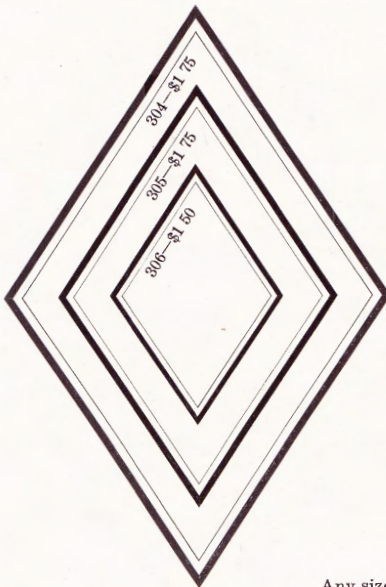
The last figure and fraction in the size number denotes the diameter in inches of the circle from which oval is made

The long dimension of an oval is about one-fifth more than the diameter of the circle from which it is made

BRASS CIRCLES AND DIAMONDS



All ovals and diamonds, unless otherwise ordered, will be made in the proportion of 2 by 3, viz: 2 units wide by 3 units long



Any size or face can be made to order

Brass Circles are made from seamless brass tubing and can be furnished in ¼ inch graduations to 2 inches, and in ¼ inch graduations to 4½ inches, outside dimensions. Larger or intermediate sizes are brazed

DIAMETER OR LENGTH Diameter of Ovals and Length of Diamonds are figured on the long way of same	CIRCLES		OVALS OR DIAMONDS	
	Plain Rule	Fancy Rule	Plain Rule	Fancy Rule
6 ems and smaller, 1 inch.....	\$1 00	\$1 20	\$1 25	\$1 40
7 to 12 ems, 2 inches.....	1 25	1 60	1 50	1 90
13 to 18 ems, 3 inches.....	1 50	2 00	1 75	2 40
19 to 24 ems, 4 inches.....	1 75	2 25	2 00	2 90
25 to 30 ems, 5 inches.....	2 00	2 50	2 25	3 40
Each additional inch diameter.....	40	50	50	60

Octagons are furnished at double the price of plain rule circles. Circles, Ovals and Diamonds mounted in square metal block add 50% to above prices

BRASS BRACES

BRASS BRACES

Font, one of each size, 1 to 27 ems \$7 00

















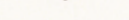



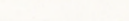



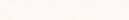









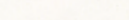



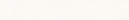



Font, one of each size, 4 to 19 ems \$4 00

	No. 827 40c	
	No. 826 40c	
	No. 825 40c	
	No. 824 40c	
	No. 823 40c	
	No. 822 30c	
	No. 821 30c	
	No. 820 30c	
No. 64 15c		No. 819 30c
No. 64½ 15c		No. 818 30c
No. 65 15c		No. 817 25c
No. 65½ 15c		No. 816 25c
No. 66 15c		No. 815 25c
No. 66½ 15c		No. 814 25c
No. 67 15c	No. 41 15c	No. 813 25c
No. 67½ 15c	No. 41½ 15c	No. 812 20c
No. 68 15c	No. 42 15c	No. 811½ 20c
No. 68½ 15c	No. 42½ 15c	No. 811 20c
No. 69 20c	No. 43 15c	No. 810½ 20c
No. 69½ 20c	No. 43½ 15c	No. 810 20c

The first number indicates the body, the other number or numbers indicates the length in 12 point ems

BRASS NEWSPAPER DASHES

BRASS NEWSPAPER DASHES

No. 552		15c	No. 587		15c
No. 554		15c	No. 588		15c
No. 560		15c	No. 590		15c
No. 555		15c	No. 591		15c
No. 558		15c	No. 500		15c
No. 559		15c	No. 503		15c
No. 556		15c	No. 517		15c
No. 564		15c	No. 518		15c
No. 561		15c	No. 512		15c
No. 567		15c	No. 513		15c
No. 569		15c	No. 507		15c
No. 575		15c	No. 526		15c
No. 572		15c	No. 531		15c
No. 570		15c	No. 529		15c
No. 573		15c	No. 533		15c
No. 581		15c	No. 534		15c
No. 577		15c	No. 536		15c
No. 584		15c	No. 537		15c
No. 576		15c	No. 538		15c
No. 595		15c	No. 549		15c
No. 583		15c	No. 553		15c

Prices are for single column widths 15 ems or under

Special Faces of Brass Rule

*F*ACES can be made to order containing practically any arrangement of lines and white spaces; but these orders should amount to at least \$10.00 value for each special face. Any weight of line in points or fractions, or in thousandths of an inch, can be specially made on any body. Special leaders or dotted rule faces cannot be specially made without making a steel wheel or knurl—but we have a variety of knurls not shown and can usually match very closely, and sometimes exactly, any dotted rule face.

Special Circles and Other Forms

*C*IRCLES and Ovals of any diameter and any face can be made to order. The faces shown are merely suggestions for size and to show the face usually furnished with a circle of a certain diameter. Diamonds, Hexagons and Octagons can be made of any face and any size. These are soldered (not brazed) and will not stand a great amount of pressure without breaking. Circles, Ovals and other forms can be surrounded with lead metal square block, trimmed to 12 point ems, insuring an even lock-up.

Matching Rule by Sample

*I*N SENDING sample be sure to send one that is not worn, as it is not possible to tell from a badly worn sample what the weight of the face originally was.

Labor-Saving Rule

*L*ABOR-SAVING Rule in regular scheme fonts is sold at the prices given in Table B. These prices are for regular scheme fonts containing the number of pieces specified in the printed schemes on page 866.

All bodies not listed in Tables B and B1 are so seldom sold in labor-saving fonts that the customer's needs are best satisfied by furnishing us with a list of the number of pieces of each size desired, which will be sold at prices shown in Tables H and I.

If the regular scheme font of Rule or Leaders as listed does not meet customer's requirements, then a special scheme font can be furnished, but this will be sold not by the pound or font, but by the piece according to prices in Tables H and I. For convenience in figuring these special fonts, see page 863 for group prices of Tables H and I.

ADDENDA

Goudy Bold

120 Point

3 A 4 a

Silt

96 Point

3 A 4 a

Idyl

84 Point

3 A 4 a

Beat

Goudy Handtooled

120 Point

3 A 4 a

Silt

96 Point

3 A 4 a

Idyl

84 Point

3 A 4 a

Beat

For other sizes of Goudy Bold and Goudy Handtooled see pages 46 and 48

Additional Special Characters for Garamond and Garamond Italic

IN ADDITION to the *Garamond Italic Swash Characters* shown on page 19, the following special *Garamond Italic* characters (word terminals and logotype) may be obtained in sizes from 6 point to 48 point inclusive:

The a e m n t

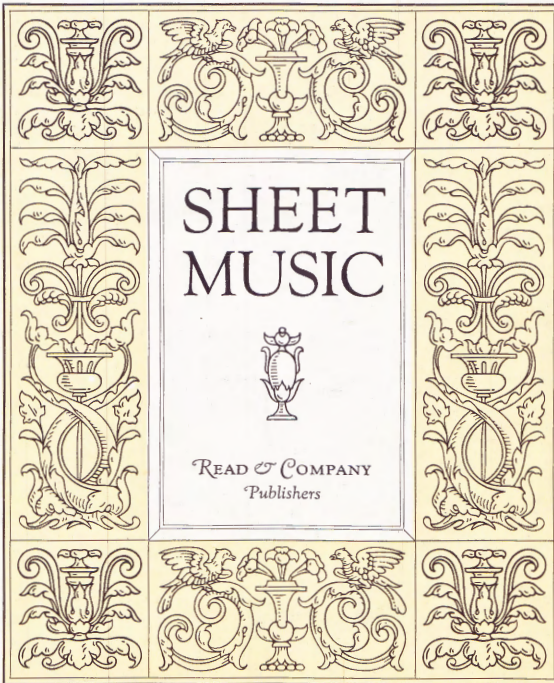
That the celebrated Garamond Series shown on page 18 may be more serviceable and complete, the following Special Characters and Ornament may be obtained in sizes from 6 point to 72 point inclusive:

a e m n t 

ADDENDA

CLELAND COMBINATION ORNAMENTS No. 2

Price per font \$9.00



49-45c



48-45c



36
2 for 50c



51
3 for 50c



35
2 for 50c



41
2 for 50c



42
2 for 50c



39-45c



40-45c



47-55c



45-80c



37-45c



50-3 for 50c



38-45c



43-50c



44-50c



34-70c



31-70c



46-70c



33-70c



52-3 for 55c

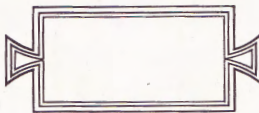


32-55c

For the larger size of Cleland Combination Ornaments see page 714

ADDENDA

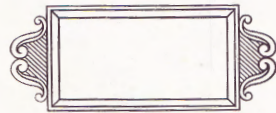
CLELAND ORNAMENTS



4233—75c



5437—75c



4230—75c



2435—50c



2439—45c



3638—55c



2432—50c



3634—60c



6036—75c



3631—65c

Accurately Mortised to Points

For other sizes of Cleland Ornaments see pages 715, 716

Cast in Type Molds

STATIONERS INITIALS

24 Point, one color, per set (24 characters) \$1.25

24 Point, two colors, per set (48 characters) \$2.50

Four of any one character (one color) 45c

Two of any one character (two colors) 45c



For other sizes of Stationers Initials see page 796

VOCATIONAL CAMEOS



3601—2 for 50c



3603—2 for 50c



3604—2 for 50c



3605—2 for 50c



3612—2 for 50c



3613—2 for 50c



3616—2 for 50c



3619—2 for 50c



3614—2 for 50c



3608—2 for 50c



3618—2 for 50c

For other sizes of Vocational Cameos see pages 719-721

TORY INITIALS

48 Point, per set (24 characters) \$4.50

Single character 45c



4801



4802



4803



4804



4805

Also made in 72 point, see page 790

ADDENDA

CIVILITÉ SERIES

True purity of Taste is a quality of the Mind; it is a feeling which can, with little difficulty, be acquired by the Refinement of Intelligence; whereas Purity of Manners is the Result of wise habits, in which all the Interests of the Soul are mingled & in Harmony with the progress of Intelligence. That is why the harmony of Good Taste and of Good Manners is more common than the existence of Taste without Manners, or of Manners without Taste.

The Civilité Series is being made in the following sizes: 10, 12, 14, 18, 24, 30, 36 and 48 point. Send for complete showing

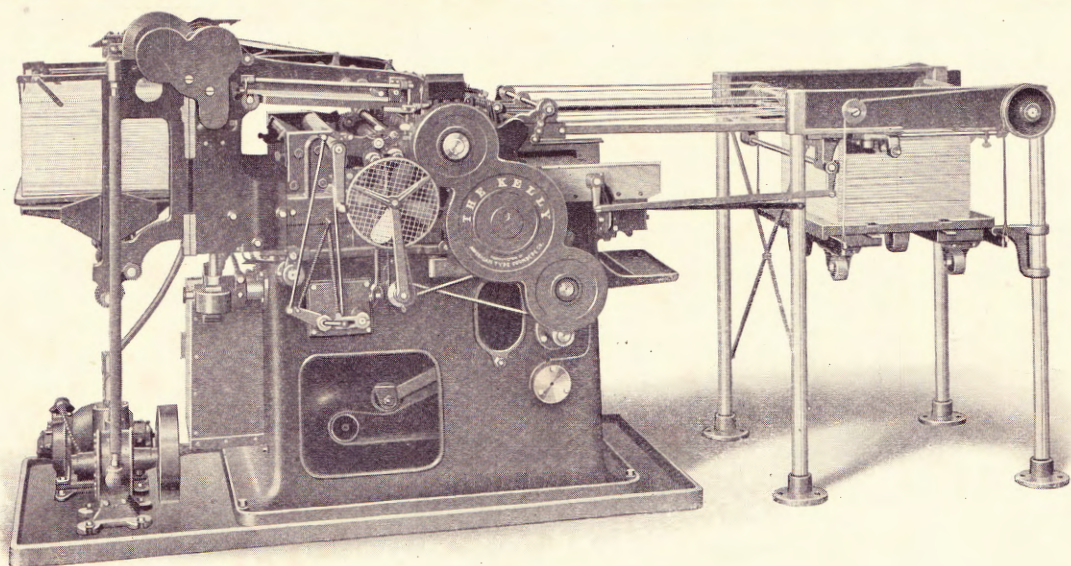
Characters in Complete Font

A B C D E F
f G H I J K
L M N O P
Q R S T U V
W X Y Z & \$
1 2 3 4 5 6 7 8 9 0
a a b c d e e e f
g g h h i j k l l m m
n n o p p q r s s
t t u v w w x y z
nd ve ~ . , - ' ' : ; ! ?

TYPO ROMAN SHADED

The Empire Botanical Society
desires to inform members and those interested
in botany that
Mr. Edmond Stacey Briand
has been elected a corresponding member
of the society

Typo Roman Shaded is being made in 12, 14, 18, 18 pt. No. 2, 24 and 24 pt. No. 2
Send for complete showing



KELLY AUTOMATIC JOB PRESS, STYLE B, WITH EXTENSION DELIVERY

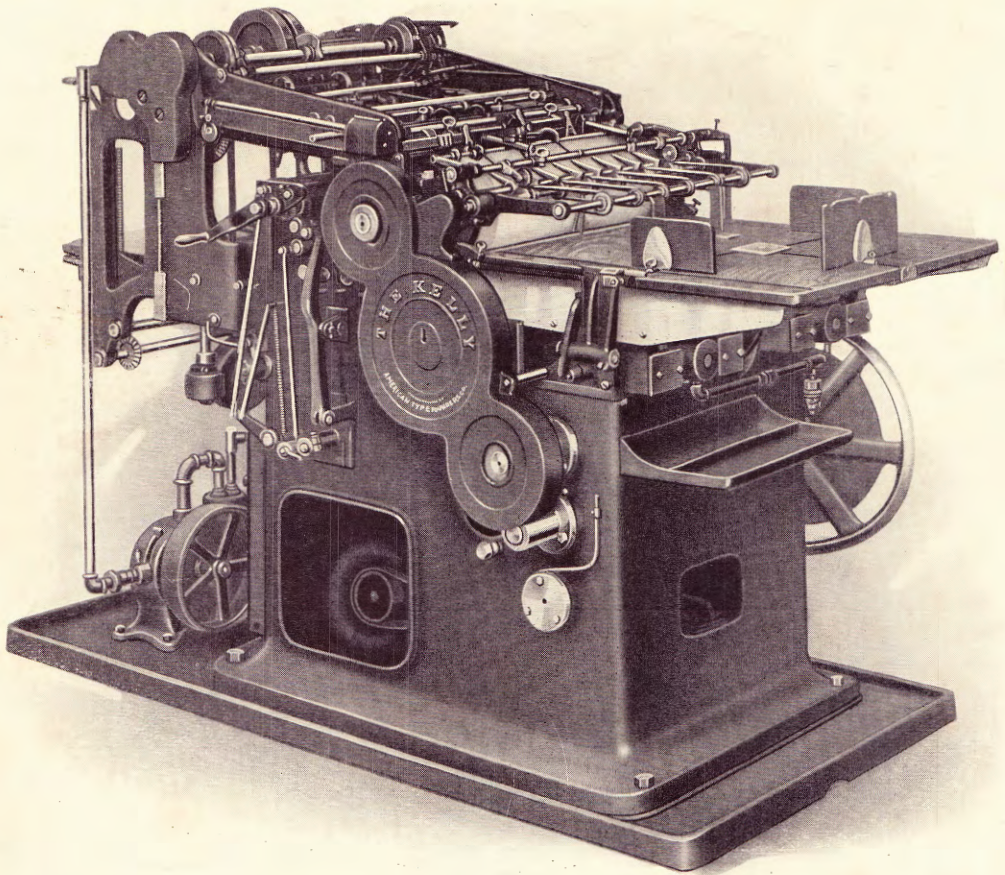
KELLY AUTOMATIC JOB PRESS

A cost-reducing printing unit backed by years of experience

REPEAT ORDERS *are the most convincing and the most conclusive evidence of the efficiency of all printing machinery. Users will not add to their equipment unless fully satisfied it is productive and profitable; the Kelly has been favored with an unusual amount of this most desirable class of business. Repeat orders have been placed by nearly 50% of our Kelly Press users. Several thousand Style B Kelly Presses are in constant operation in every state of the Union and abroad. These are convincing facts*

American Type Founders Company

For information as to prices, terms, etc., write to nearest Selling House



KELLY AUTOMATIC JOB PRESS, STYLE B, WITH JOGGER DELIVERY

The Kelly Automatic Press Style B

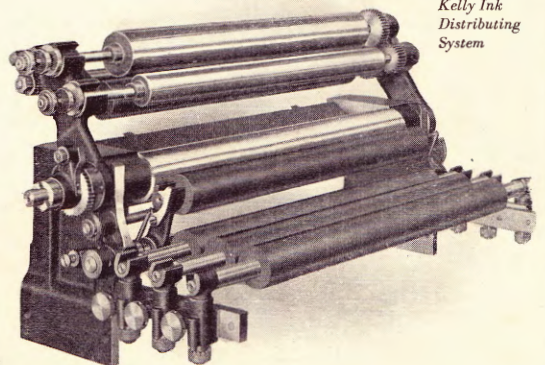
A PRESS FOR MAXIMUM SERVICE

The Kelly Automatic Press, Style B, was first offered the printing industry less than ten years ago and instantly became popular for its ability to produce exceptionally high-grade and general printing at low cost, and because its design was along original yet conservative and approved lines, making it easy for the operator to quickly master its simple mechanism. So great was the demand that nearly 2000 presses were sold before any general advertising was distributed, an unparalleled sales experience, which reflects the recognized superiority of the press and its ability to produce printing of the quality, volume and range that have met with the approval of printers everywhere.

Marvelously quick adjustments for changes of work are important features of the Kelly. Simplification, condensation and automaticity

are the foundation of these and have made the unit a revelation in this respect. The shortest run and the longest are handled with equal facility. The Kelly Automatic is not a specialized press. It handles nearly every kind of job

*Front view of the
Kelly Ink
Distributing
System*

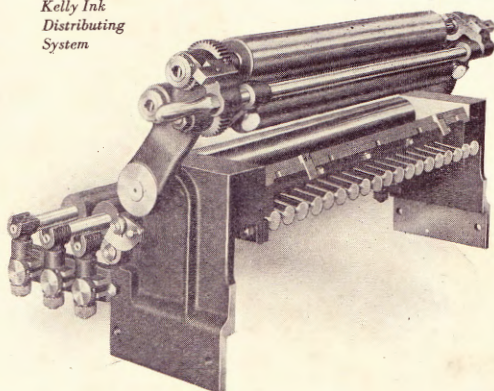


work that comes to the large or small office at a minimum cost, and no special equipment is needed to make its operation satisfactory and productive—just use the ordinary material of the average printing office. Make-ready is easy; the sturdy, unyielding cylinder and bed and the four wide steel-shod tracks, heavily supported on the solid column, make even the slightest overlay perceptible and effective.

The Kelly Automatic Job Press, Style B, is a three-roller flat-bed two-revolution printing unit with automatic feeder, jogger or extension delivery, and with a complete electric motor equipment, including motors, variable speed controller and push-button station for either direct or single-phase alternating current, as may be desired. Electric equipment for voltages and cycles usually called for is carried in stock; other requirements are supplied to order.

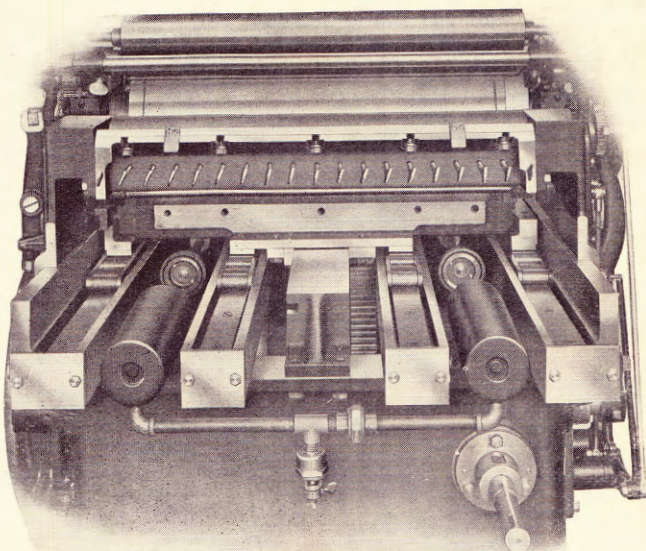
The bed measurement is $19\frac{1}{4} \times 22\frac{3}{8}$, and sheet 14×22 inches; oversize sheets 17×22 inches may be run if the margins are favorable, and on light, open forms a covering of $15\frac{1}{4} \times 22$ inches can be obtained on this sized sheet with one roller covering by single rolling. When 22-inch type matter is run the forms are locked on the bed of press or plates are mounted on patent bases. Standard KA Chase measures $15 \times 20\frac{1}{4}$ inches inside; Skeleton KE Chase, $16\frac{3}{8} \times 20\frac{7}{8}$ inside. This is a larger range of work than can be done on any other job press, whether machine or hand fed.

Rear view of the
Kelly Ink
Distributing
System



The maximum speed recommended, when the press is erected on a good foundation, is 3600 impressions per hour, whether the work is large or small, and the electric equipment is arranged to give this speed, with the usual reductions for special or difficult printing through use of the variable speed controller.

THE DISTRIBUTION—The Kelly system of pyramid ink distribution is most efficient, and consists of three composition form rollers, two steel lateral distributors, composition top rid-



The unyielding bed and cylinder, four tracks and rear air cushions

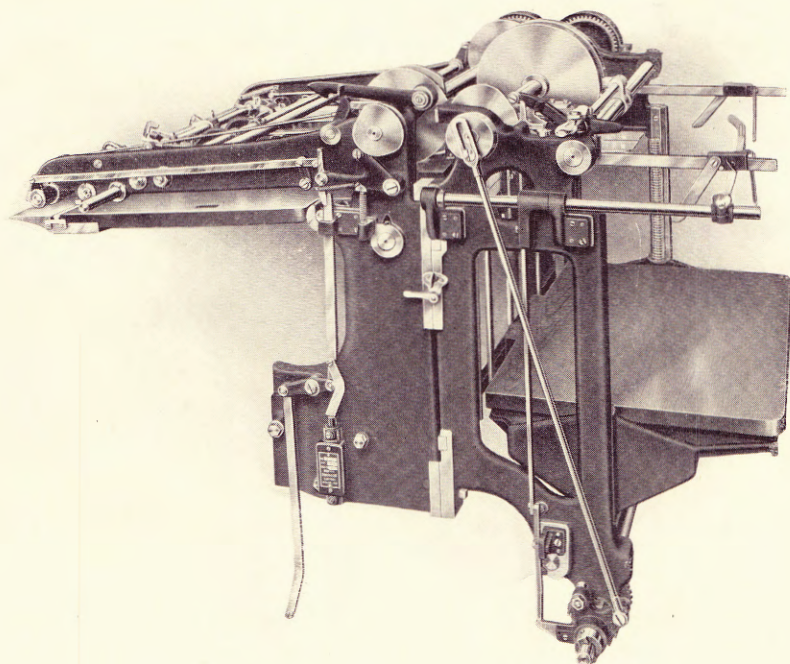
ing roller running between the steel distributors, fountain ductor roller and ink plate. The distribution is very thorough and the deposit of ink on the form rollers is such that the finest halftones can be run without trouble. The pyramid system keeps up a continuous flow of thoroughly distributed ink which reaches the form in a thin film, free from dirt and paper dust, owing to the position of the fountain and inking mechanism under the feed table. The brush not only holds the sheet against the cylinder but also removes any particles that may adhere to it and have not been removed by the air blast on the feeder. Rollers and fountain are easily adjusted and cleansed, the entire distributing roller frame swinging up for exposure of all rollers.

THE REGISTER—Accurate register is assured through the quick direct action of the specially designed gripper mechanism, the splendidly

conceived bed movement, the spiral register rack and other approved features; all of which, with the positive automatic feeder placing the sheet properly at the feed guides, insure against trouble in this respect.

THE DYNAMIC BRAKE, an integral part of the press motor, is automatic in action and stops the press instantly when the last sheet of the

pile is fed, and also if a sheet does not reach the detectors in time, or is crumpled, or if two sheets are taken, or a sheet fails to feed. This is a very valuable feature that is applicable to direct current and single-phase alternating current motors. It makes the Kelly danger-proof, and saves spoilage of make-ready, valuable plates, paper and the operator's time.



The Kelly Automatic Feeder

The Kelly Automatic Feeder is the pile type carrying 12½ inches of paper on the feed table, which automatically lifts as the stock is fed, suspending operation when the last sheet is taken. A constant blast of filtered air from a rotary motor-driven blower is blown between the top sheets at the front of the pile, separating them perfectly, and making it easy for the suction feed wheels to pick up and carry the top sheet forward to the paper feed rollers operating on the conveyor belt shaft. An ingenious suction tube operating in unison with the suction feed rollers assures the picking up of heavy stock, while the volume of air is controlled by vents on both blast and suction, making regulation for light and heavy paper easy. A calipering device permits but one sheet to go through, after which the sheet is

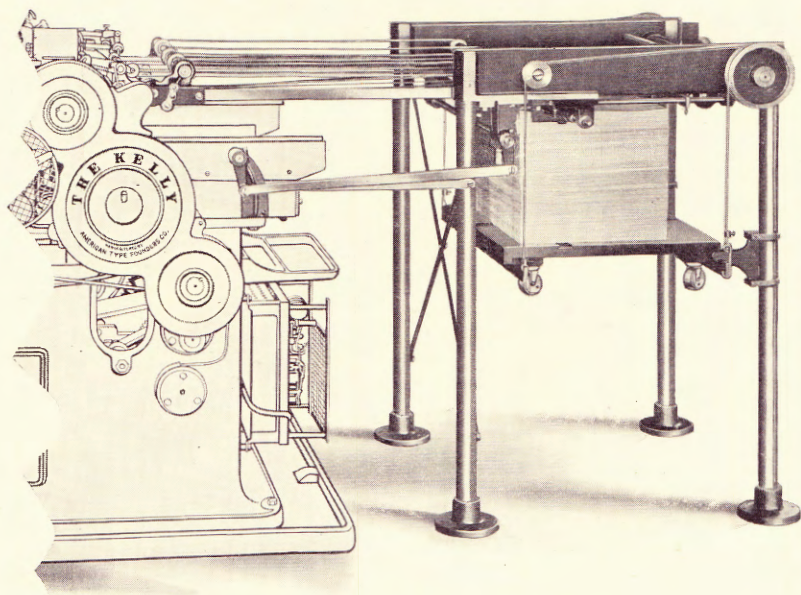
carried by two fixed endless rawhide conveyor belts, under the control of adjustable friction rollers and steel balls, down through the detectors, which also serve to slow the sheet, and is laid gently against the front guides. The snap or side guide next advances, engages and draws the sheet to perfect register. The snap guide is mounted on the feed board and may be placed on either side and is adjustable by means of a finely threaded screw.

The Kelly Automatic Feeder is gear driven and so designed that it takes up but little space outside of the frame of the press and appears as an integral part of the machine. It may be instantly disconnected, and automatic feeding suspended, by pulling the feeder clutch head, after which hand feeding is possible by lifting the sheet conveyor parts attached

to a swinging frame, fulcrumed on the main shaft. A change from automatic to hand feeding is rarely necessary except in the case of certain died-out stock and made-up envelopes, but it can be made instantly while the press is running without disarranging the timing of the feeder. The hardwood feed table may also be swung upward and fastened to give room for make-ready and access to rollers and fountain.

The range of stock that the feeder will handle is varied, and includes nearly everything ordinarily used in the printing office. Onionskin,

non-curling gum papers, antique and cameo-finish or glazed papers are easily handled, as well as light cardboard that will wrap around and conform to the periphery of the cylinder. The Kelly suction system of feeding is seemingly without limitation within the range described above and is daily handling qualities of stock that a few years ago were thought impossible of feeding automatically. Finished and coated paper is not marked, or printed-side-up sheets rubbed or smutted, as in other types of feeders. Substantial savings result.



The Kelly Extension Delivery

The Kelly Extension Delivery, an extra attachment, may be placed on any Kelly Press new or old, and is a valuable addition now generally ordered. Its use minimizes offset and slip-sheeting, as the ink through exposure to air has time to partially set before the sheet reaches the pile. Spoilage through handling and the operator's time are also saved. Two delivery trucks and truck handle are parts of the equipment. Each truck holds a pile of paper thirty inches high and is mounted on castors to permit the load to be easily moved away and the second truck substituted without handling or disturbing the pile. A jogger is part of the extension delivery equipment.

Access to form on the bed of the press is not obstructed, as the delivery frame connected

to the press swings up out of the way and is replaced without adjustment. Short runs are handled as easily and jogged as perfectly as long runs. When a Kelly Automatic Press is ordered equipped with extension delivery, the regular jogger delivery is omitted.

FLOOR SPACE—The floor space over all of the Kelly Automatic Press, Style B, equipped with automatic feeder, jogger delivery, motors and blower, is 6 feet 6 inches long by 3 feet 6 inches wide. When equipped with extension delivery, the length is 10 feet 6 inches, the width remaining the same. The height with feed board raised is 6 feet 9 inches; with feed board lowered to operating position, 4 feet 8 inches. Length of floor plate, 6 feet 1 inch; width, 3 feet 1 inch.

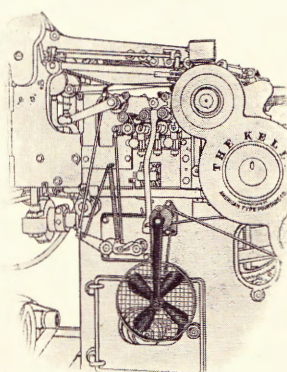
The Kelly Press Roller Cooling Fan

The Kelly Press Roller Fan is an extra attachment of real merit which helps to keep the composition rollers in proper working condition in the hot, humid weather, thereby aiding continuous production at the time when roller troubles are the most annoying and the cause of pressroom delays. No electricity is used, as the fan is mechanically driven and easily attached. By simply loosening a thumbscrew the fan may be swung down out of position while not in use or when setting the rollers. A slotted hole is provided to take up the slack of the driving belt. The fan is attachable to all Kelly Automatic Presses.

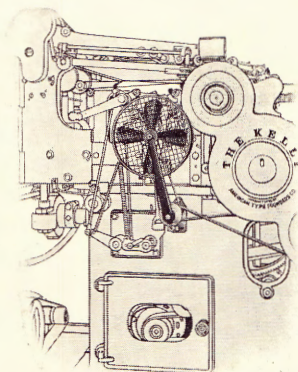
A SIMPLE DOUBLE-ROLLING DEVICE is part of feeder equipment and may be made operative in less than a minute. When it is desired to double roll a heavy solid form or background this device is used, allowing the suction wheels to miss every other revolution and the press to automatically trip correspondingly. The Kelly Automatics are the only printing units having such an attachment.

KELLY PRESS LOCK-UP BARS—For locking up oversize forms on bed of the press these steel bars, 22¼ inches long and 1¼ inches wide, will be found very convenient. They are placed at the head and foot of form, supplanting the customary wood furniture and greatly assisting register because of their accuracy. These bars are extra and sold in pairs.

POWER CONSUMPTION—The press motor for direct current is one horsepower, and for al-



Kelly Press Roller Fan out of working position



Kelly Press Roller Fan in working position

ternating current owing to the starting torque, two horsepower. The blower motor, either direct or alternating, is one-half horsepower. After starting, the actual consumption is less than one and one-half horsepower for the complete unit.

ELECTRIC EQUIPMENT—The Kelly Automatic Press, Style B, is sold only with electric equipment, and motors and controllers furnished by us for direct and single-phase alternating currents have special attachments that add greatly to the efficiency of the unit and are necessary for automatic control. One set of cast rollers, extra roller stocks, steel chase, counter, oil can, wrenches, instruction and part books are supplied with each Kelly Automatic Press.

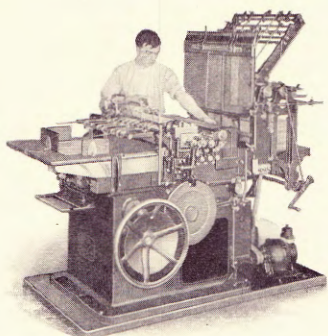
WEIGHT AND PACKING INFORMATION—The Kelly Press and Feeder are shipped in separate fully enclosed boxes, the floor plate is crated, and the extension delivery fully boxed. The press motor is in position in the column and the blower and blower motor are packed in the feeder box. Dimensions for domestic shipment and gross and net weights are as follows:

Outside Dimensions of Box for	Height	Length	Width	Cubic Feet	Gross Weight	Net Weight
Kelly Press	4 ft. 4 in.	5 ft. 3 in.	4 ft. 7 in.	105	3700	3175
Kelly Feeder	3 ft. 9 in.	4 ft. —	3 ft. 4 in.	57	965	650
Kelly Floor Plate	3 ft. —	6 ft. 11 in.	— 8 in.	14	600	545
Kelly Extension Delivery . . .	4 ft. 6 in.	4 ft. —	4 ft. —	72	750	475
Totals				248	6015	4845

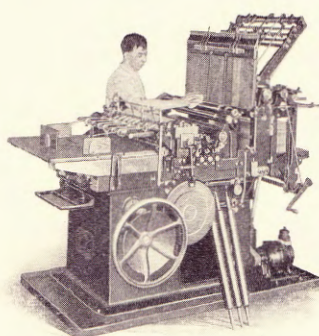
Gross weight for export shipment, 350 pounds greater.
 Removed from the packing box, the Kelly Press will go through a space of 44 inches; the Kelly Feeder, 36 inches. For doors of less space the press must be partially dismantled by the installer.

How the Kelly Automatic is Handled

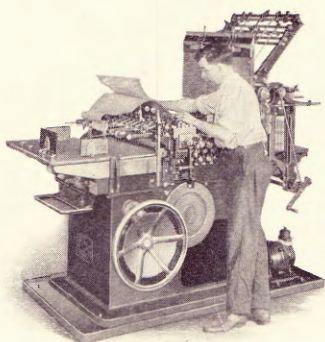
Every provision has been made for quick changes of stock and forms, and for saving the operator's time. The result is longer producing hours and larger output. No flat-bed press approaches the Kelly in these typical well conceived Kelly Press conveniences.



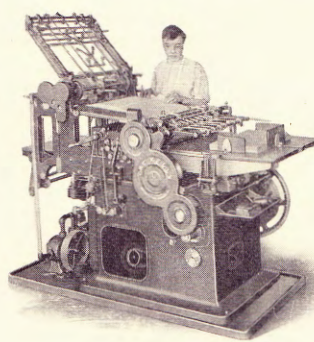
Setting the ink fountain on a Kelly Automatic Press



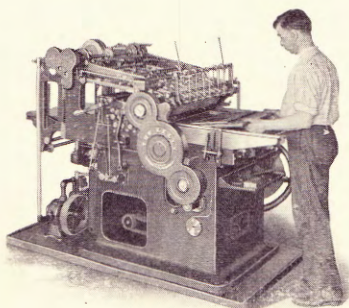
All rollers exposed for easy wash-up



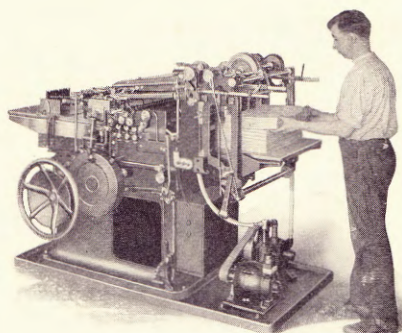
Clear space for quick make-ready



Instant change from automatic to hand feeding



Open space on bed for placing form



Loading the pile table at rear of press

Short runs and long runs are alike to the Kelly. There are no adjustment delays, no guessing, no trying, no spoiled stock. Mechanical appliances locate the position of all adjustable parts. The Kelly takes a larger form, runs at greater speed, and produces a higher quality of work than any other automatic job press. Every user will subscribe to these facts.

What Kelly Press Users Say

Opinions of users are an indication of how successfully the Kelly Automatic Press is operated and show its unrivaled earning capacity. The quotations below came to us unsolicited from customers in all parts of the country and we have the originals on file for those interested. The wise printer will always consider and profit by the experiences of his fellow craftsmen.

Read the following quotations from letters recently received

"Our machine has given us complete satisfaction since its purchase."—MONTANA.

"From the money-earning standpoint the Kelly is a press without an alibi."—BOSTON.

"The press is in excellent running condition and is giving satisfaction in every way."—MAINE.

"Our press is running full capacity every day and without any trouble whatever."—ILLINOIS.

"We might at this time say that our Kelly Press is giving us wonderful results and has more than come up to our expectations."—UTAH.

"We consider it the best investment we have ever made. The only fault we have to find is that we did not install one years ago."—NEW YORK CITY.

"The Kelly Press has given us complete satisfaction. We have had no mechanical difficulties and are able to get out more work at less cost than with our previous equipment."—RHODE ISLAND.

"The new Kelly Press which you installed in our plant recently is the second machine of this type. . . . The Kelly has done more than anything else to improve our pressroom efficiency."—IOWA.

"Our Kelly Press has been running in first-class shape and we are delighted with the results. In fact we have been told that we are getting record runs from this press. We wish that we had another."—CANADA.

"The Kelly has given entirely satisfactory service; in fact its performance has been remarkable in view of the fact that none of our printers have previously had any experience with a cylinder."—CONNECTICUT.

"Our work is of a rather exacting character typical of university printing in general and we are experiencing no difficulty in maintaining a high standard from the Kelly—the Kelly is all to the good."—CALIFORNIA.

"We think the two Kelly Presses working in our plant have been one of the chief causes of our having the best printing business we ever had at this time. We have not had a dull day through all the industrial depression. The maximum output of our two Kellys is booked for several weeks ahead."—VIRGINIA.

"I have had the best of results with the Kelly Press installed. . . . Have only words of praise for the machine, which has given me no trouble at all. The first job I ran after your erector left was a four-color one and the register was perfect. The next job was 100,000 deposit tickets, sheet 14x17, ten up. Run was started at one o'clock and was completed, form off, and press and fountain washed in 4½ hours' time."—DELAWARE.

"We could say a whole lot but can express our satisfied feelings in very few words by saying that we think it (the Kelly) is one of the best investments ever made for our pressroom. . . . Anticipate the installation of another similar press or your larger one in a short time."—OHIO.

"Thought perhaps you would be interested to know that our pressman kept time on the work and the Kelly delivered the goods according to your schedule. The job went through the press six times and we are very proud of the work as well as pleased with the Kelly Press performance."—TEXAS.

"Your Kelly Press is a smooth-running, productive machine. . . . We are just finishing on some colored cards which certainly demonstrate that the Kelly gives absolute register. We hope our business will expand to such an extent that some day we shall be able to use more than one of your presses."—MASSACHUSETTS.

"Our Kelly Press is giving eminent satisfaction, which we know you will be pleased to hear. Our Little Kelly, No. 1358, has printed over eight million impressions in three years. There has been no expense for repairs or new parts. Our Kelly is depended upon to make the shop pay-roll and it has never failed to produce."—NORTH CAROLINA.

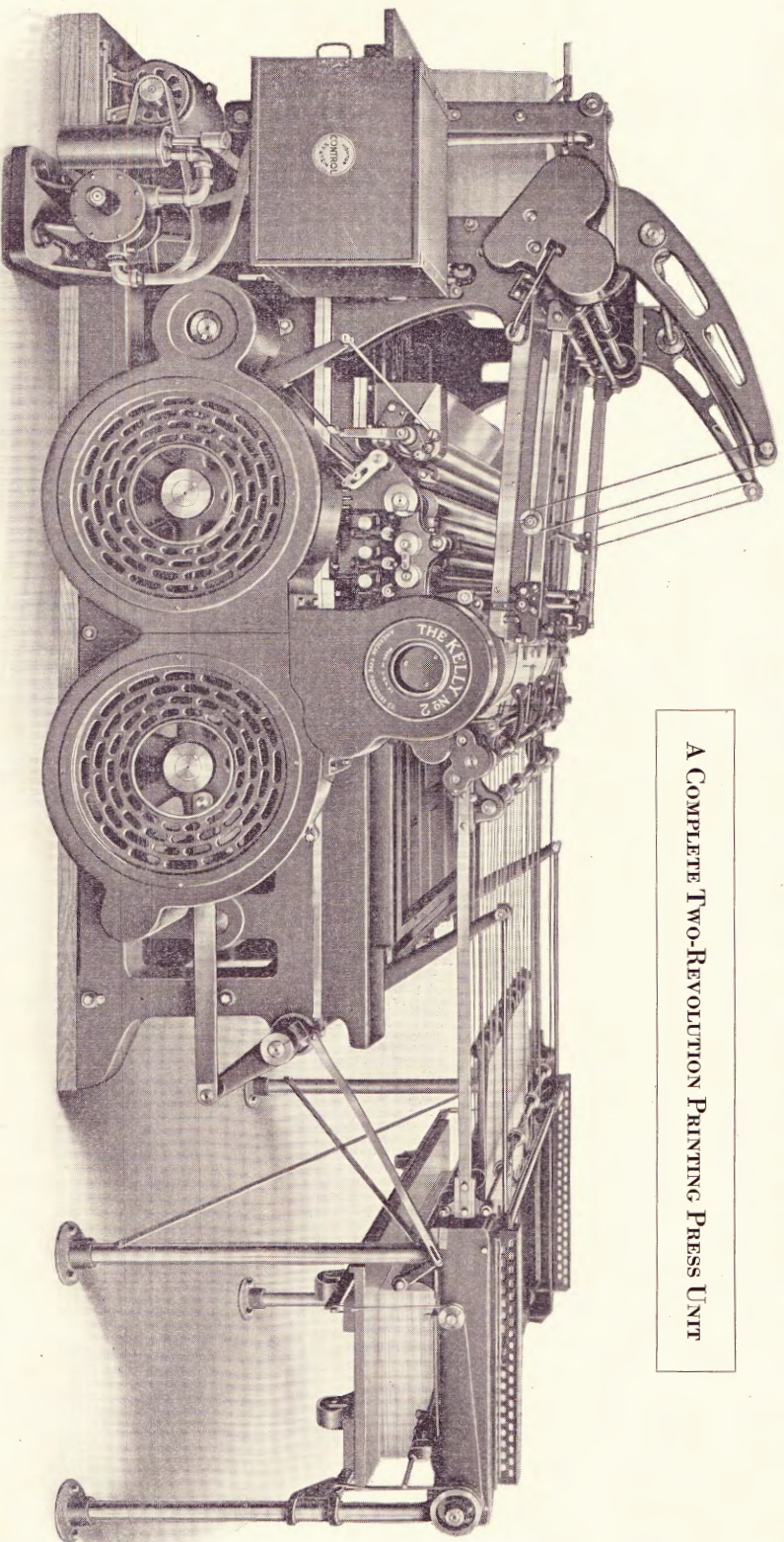
"Everything good that can be said about a press we can say about the Kelly. Press has been in our plant four or five years, has run constantly, and we are getting just as much production now as we did at the very beginning and there seems to be no more wear and certainly no expense. We are not only getting splendid production, but we are getting splendid work, and feel very kindly toward the Kelly."—TENNESSEE.

"I wanted something to replace slow-going platens on long runs and turn out a better class of work. Six years ago I became the first owner of a Kelly Press in the State of New Jersey and to-day I hold my own with anyone for turning out good work. I can put on a solid plate form in colors, single roll up to the capacity of the press. Register is perfect, running at top speed. Have nothing but the highest praise on the service given me."—NEW JERSEY.

"The Kelly Press installed in our plant about six months ago has up to date been giving us the best of service and satisfaction, and has proven every claim made for it. Due to its simplicity of construction and operation our pressmen, without previous experience, found no difficulty in operating this press. It has been doing three-color and four-color jobs with the closest of register and has accomplished them all in the highest possible standard."—CHICAGO.

THE KELLY AUTOMATIC PRESS No. 2

A COMPLETE TWO-REVOLUTION PRINTING PRESS UNIT



AMERICAN TYPE FOUNDERS COMPANY, Manufacturer

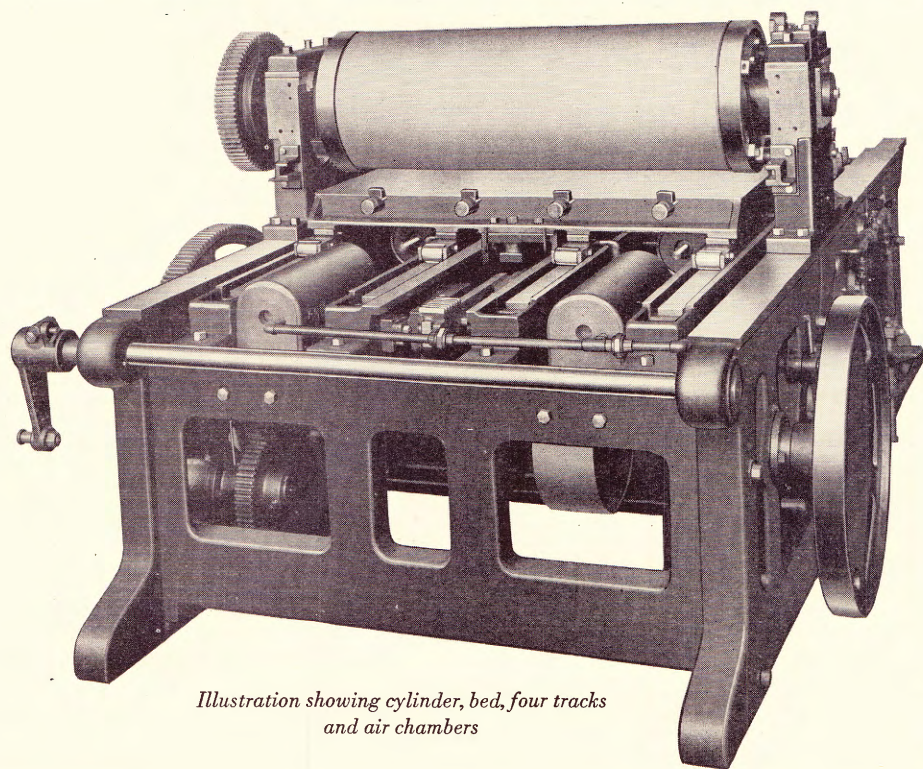
For information as to prices, terms, etc., write to nearest Selling House

THE KELLY AUTOMATIC PRESS No. 2

BED MEASUREMENT, $28\frac{1}{2} \times 35\frac{1}{2}$ INCHES
SIZE OF SHEET, 22x34 INCHES SIZE OF FORM, 21x34 INCHES

The remarkable success of the Kelly Automatic Press, Style B, and the insistent demands of customers for a larger press built along the same labor-saving lines, led to the designing

shod tracks, bed and cylinder which will not yield or spring under the heaviest impressional strain, with a double pyramid ink distributing system, and high speed, the Kelly



*Illustration showing cylinder, bed, four tracks
and air chambers*

of the Kelly Automatic No. 2. Every time-saving, quick-handling feature of the Style B Press has been retained in the new size, with additional refinements and new features which have further enhanced the Kelly reputation as a producer and cost reducer—a press without a rival, and one from which a maximum of service is obtained.

Heavily built, with massive side frames and supporting girders, four wide nickel steel-

Automatic Press No. 2 is offered in full confidence that its extraordinary merit will meet with the approval of all who appreciate a scientifically designed printing unit of the higher class, a press built for the definite purpose of providing more profit for the owner and for easy and quick handling by the operator.

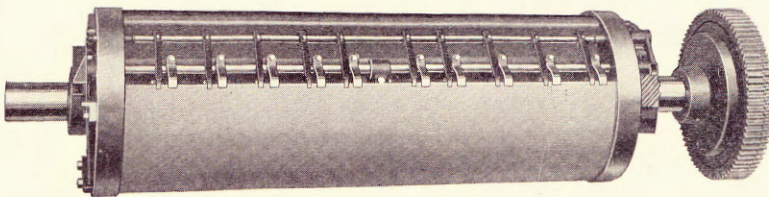
The Kelly Automatic Press No. 2 is a distinct departure from old lines in printing press designing and introduces a new economical

standard in the pressroom. It is the first two-revolution cylinder that is complete in every detail, with press, automatic feeder, extension delivery and electrical equipment designed and built as one unit and so assembled and tested in one factory before shipment. There is no division of responsibility in operating efficiency.

The bed measurement is $28\frac{1}{2} \times 35\frac{1}{2}$ inches; size of sheet, 22x34 inches; size of form, 21x34 inches. The ink distributing equipment, located back of the cylinder, as in the Style B, is the Kelly double pyramid with three form

press designing of the past quarter of a century. It takes first rank in production, quality of output, convenience in handling and general labor-saving features, and has received a very thorough testing under exacting conditions during the past two years.

Side by side with scientific designing, first-class construction and a proper distribution of metals is of the utmost importance if the desired results are to be obtained. In these respects the Kelly Automatic Press No. 2 excels. Cast iron, semi-steel, malleable iron and high-grade steel of various mixtures are used



The heavy cylinder, gear and wide cylinder bearers

rollers, five distributing rollers and ink plate, effectively spreading the ink in perfect distribution for the most delicate as well as the heaviest classes of work. Distributor and ductor rollers are interchangeable, and all composition rollers have adjustments for easy setting.

Two form rollers, $2\frac{1}{2}$ inches in diameter, completely cover all forms within the range of 21x34 inches. The Kelly Automatic double-rolling feature is part of the equipment and may be made operative instantly while the press is running. So thorough is the distributing and inking features that double rolling is seldom necessary.

The third form roller is quickly convertible as a form or distributing roller, and open form oversize sheets up to 24x35 inches may be automatically fed, and by a simple adjustment of the rollers a covering of one roller by single and two rollers by double rolling is obtained on forms not exceeding $23\frac{1}{2} \times 34$ inches.

The Kelly Automatic Press No. 2 is a cylinder press room unit and in working qualities, speed, distribution, register, rigidity of impression, excellence of the printed-side-up extension delivery, superior automatic feed and electrical drive and control—ranks high among the really notable achievements in printing

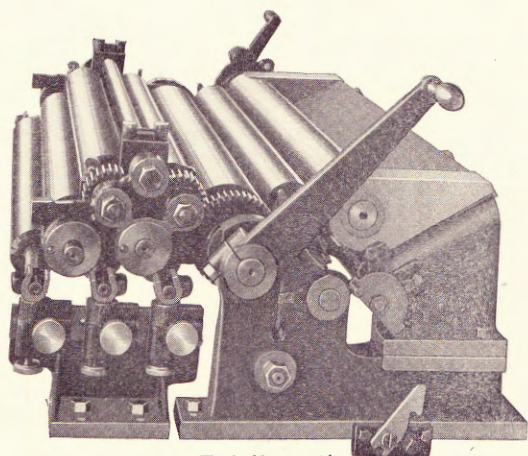
each in its proper relation to the ends sought, and many carefully treated hardened and ground working parts insure long service and a minimum of maintenance expense.

Interchangeability of parts has not been overlooked, and jigs, tools and fixtures provide against annoyances in this respect. No effort or investment has been spared in accomplishing the purpose of the designer.

The bed drive is a combination of racks and gears, with crank reversing mechanism, and is unequalled for sturdiness, long wear and assurance of proper timing with the cylinder. Freaky parts have been avoided. The bed is not weighted down with hangers and other devices, and the reversing racks connected at each end, in conjunction with the four air chambers, give perfect control and an easy, smooth action in passing the centers, eliminating jar, vibration and noise. The Kelly bed is cored, carrying only the plunger stems and one centrally located rack, connecting both drive and reverse, a construction permitting high speed. A four-year test of this bed movement for stability, during which time no adjustments whatever have been made, is indicative of its dependability and durability and the service it will render.

The Kelly Automatic Press No. 2 cylinder is sturdy and well balanced, a special selected

steel shaft of ample diameter being driven into position, after which the cylinder is turned and ground to exact gauge. Great care has been taken to insure an approximately perfect, unyielding printing surface. The cylinder bearers are wide, conforming in size to the unusually large bed bearers. The grippers are of forged steel, mounted on a nickel steel shaft, exceptionally well supported, and are operated by a new type of safety tumbler. The cylinder lift



*The double pyramid
ink distributing system in operating position*

is eccentric, with drop forged impression connections, carefully planned for efficient, positive, powerful action.

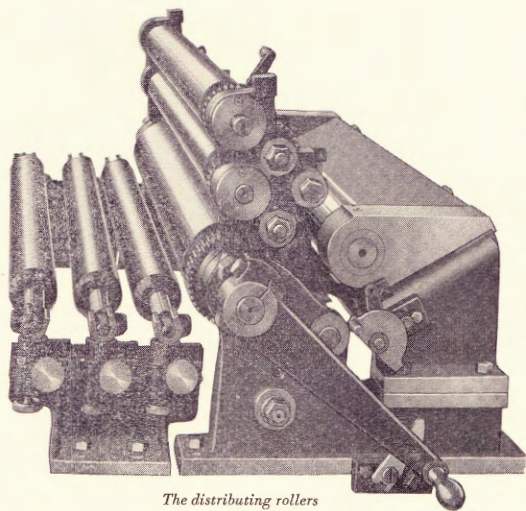
The ink fountain is placed back of the cylinder, away from paper dust, and the adjusting screws are readily reached from either side when the press is in operation. Quick cleansing is possible through the clear space afforded when the delivery conveyor frame is lifted. The fountain action is automatically tripped with the press, preventing over-inking the form.

The electrical equipment consists of motors for the press and blower, variable speed controller, electrically operated brake and two push-button stations properly placed for the operator's convenience on the sides of the press and extension delivery. The automatic brake has the same effectiveness as that on the Style B Kelly, but in alternating current is somewhat different in design. It is unfailing in operation, a safeguard against damage, and is operative both for constant printing and in connection with the double-rolling device.

The speed of the press is from 2200 to 3000

impressions per hour, according to printing requirements and foundation conditions. These figures are taken from accurately kept production records and carefully verified. They show wonderful production possibilities and indicate the constructional care and precision which have made them possible.

There are many devices on the Kelly Automatic Press No. 2 for conserving the time of the operator, conveniences that permit quick handling of work, speedy adjustments, and insure longer producing time. These are features which have made the Style B Press the standard job room automatic everywhere, and they have been incorporated in the No. 2 size because of their exceptional efficiency in saving the operator's time, their great influence in increasing production, and for their value in making the No. 2 a *one-man printing unit*, the only press of its size for which this can be fairly claimed. This means lower operating cost. Among these features are valve for releasing pressure from air cylinders, scale showing by number the fountain adjusting screws needing attention for a proper flow of ink located



*The distributing rollers
thrown back for exposure of form rollers*

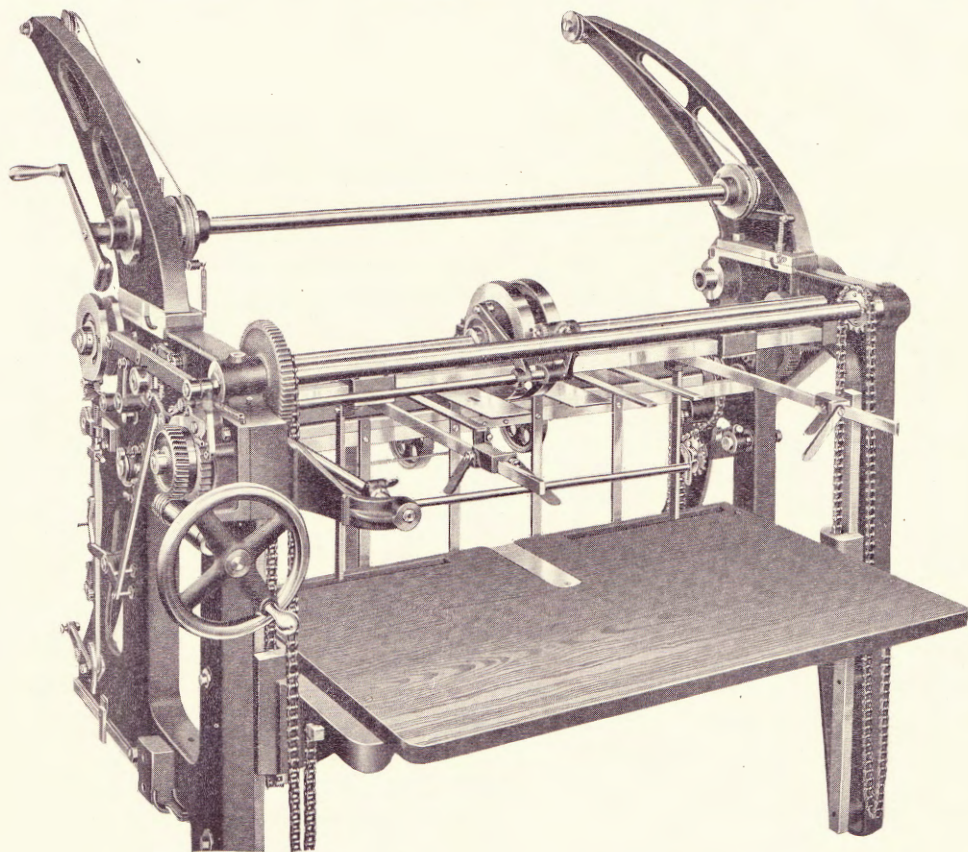
at the front of the extension delivery, impression trip for hand feeding, tool boxes for oil can, wrenches, quoin, waste and furniture, safety guards for moving parts, accessibility of motors and controller, side snap guide operating on either side, and many others, all comprising a unit to cover the automatic handling and production of quality printing that has no rival within its size.

THE KELLY AUTOMATIC FEEDER No. 2

An Integral Part of the Press

The Kelly Automatic Feeder No. 2 needs but little description. It closely follows and embodies all the valuable features of the Style B design referred to in the preceding pages. The pile table holds twenty-six inches of stock, is automatically raised as the sheets are fed,

cally held in position by special patented but simple devices, to insure perfect register. The unique action of the slow-down fingers is positive yet sensitive, and the designing of this very essential feature is an achievement of the first order. Cumbersome and time-consuming



and is lowered for reloading by simply lifting a latch. The conveyor frame is quickly raised from the feed board by a few turns of the handle and automatically fastened in an upright position clearing the feed board for hand feeding. The feed board is also lifted by hand and fastened to allow for make-ready. Fixed conveyor belts with adjustable friction roller and ball sheet controls and top conveyor belts insure the proper carrying of the sheet through the slow-down fingers to easy rest against the feed guides, where it is mechani-

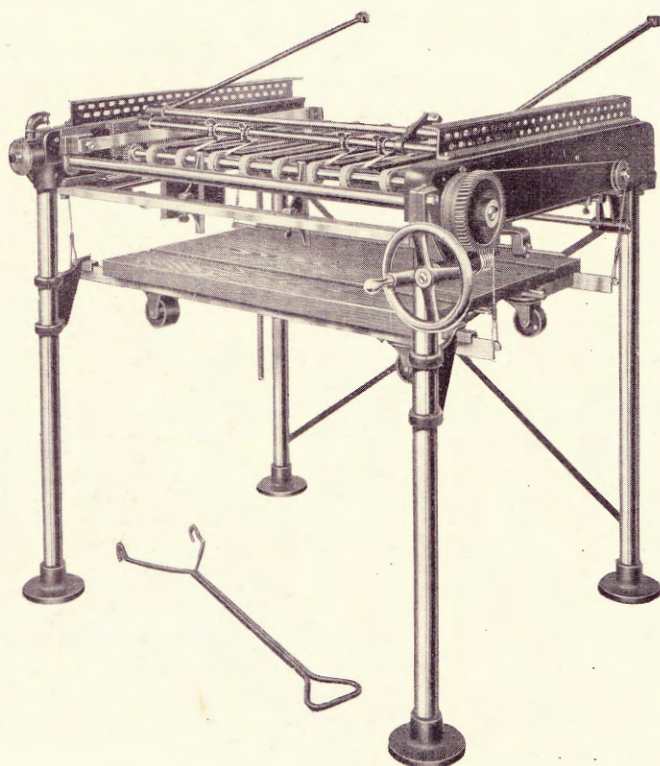
parts have been avoided. Like the press, the whole mechanism of the feeder and sheet control is sure, simple, easily reached and adjusted by the operator without assistance. There is an entire absence of complications, work may be started quickly and accurately and the few adjusting features readily understood. All grades and weights of stock ordinarily put on a cylinder press are easily handled. The Kelly Automatic Feeder excels in the variety of work it will successfully take. Short runs are handled with unusual economy.

THE KELLY EXTENSION DELIVERY

An Integral Part of the Machine

The Kelly Extension Delivery and Jogger is an integral part of the machine and so designed that the delivery conveyor frame is instantly swung up to make room for the operator to place or remove a form on the bed of the press, or to make corrections. Re-connection is made without adjustments. Two trucks mounted on

casters and one truck handle are parts of the equipment. A pile of thirty inches of paper may be deposited on each truck and wheeled away without paper handling. Due to the long exposure of the printed sheet to air, and the positive yet gentle placing of the sheet on the top of the pile, slip sheeting is minimized.



EQUIPMENT AND SPECIFICATIONS

Each Kelly Automatic No. 2 printing unit is sold complete with press, automatic feeder, extension delivery and two trucks, electric equipment ready for wiring, including motors for press and blower, variable speed controller, electrically operated brake, two sets of roller stocks (one set cast on domestic orders), coun-

ter, chase, wrenches, oil can and belting. Prospective buyers should note how complete this unit is and that the items included are essentials for everyday work, indispensable in the modernly equipped plant. Work need not be selected for the No. 2, as it will handle any form, light or heavy, within its range.

WEIGHTS AND SHIPPING INFORMATION

Kelly Automatic Press No. 2	Gross weight, 10,165 lbs.	Net weight, 8,191 lbs.
Kelly Automatic Feeder	Gross weight, 1,655 lbs.	Net weight, 1,081 lbs.
Kelly Extension Delivery No. 2	Gross weight, 1,295 lbs.	Net weight, 801 lbs.
Kelly Electric Equipment No. 2	Gross weight, 530 lbs.	Net weight, 434 lbs.
	Total, 13,645 lbs.	Total, 10,507 lbs.

THE KELLY AUTOMATIC JOBBER

SPEED 4500 IMPRESSIONS PER HOUR

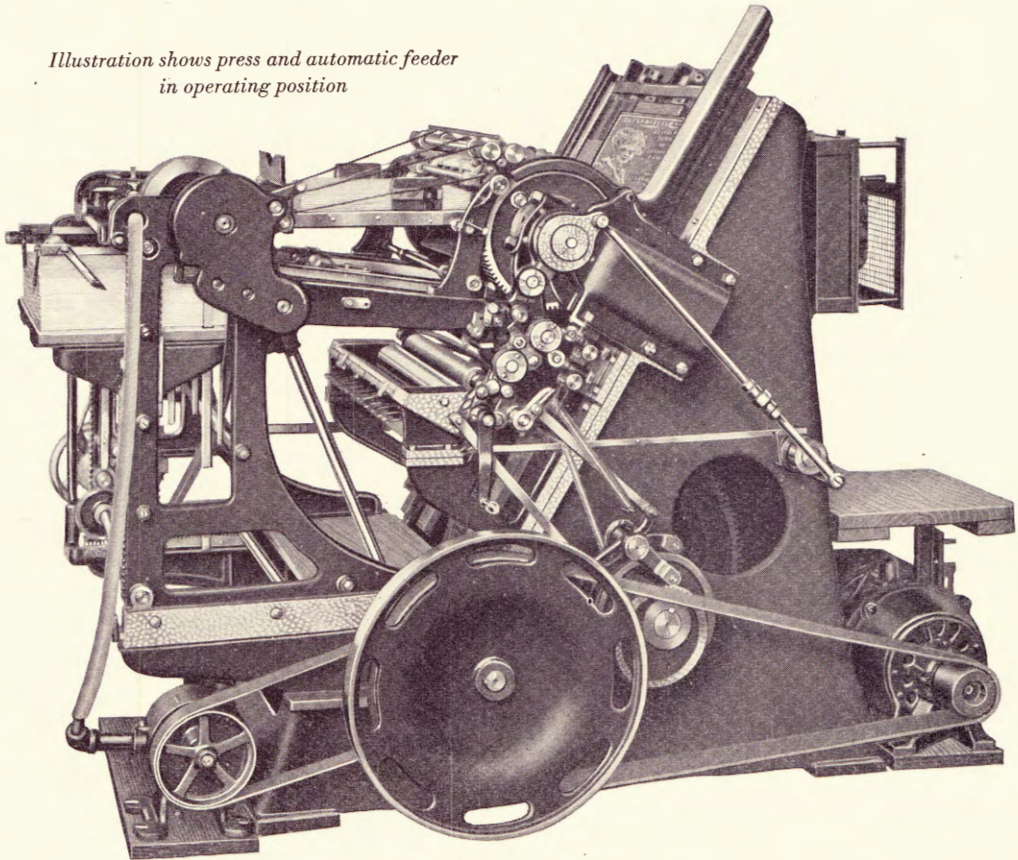
The Kelly Automatic Jobber is heavily constructed with a rigid one-piece vibrationless frame and with bed supported by two wide tracks equally balanced to take care of center strain. Forms of properly justified type, brass rule and spacing material are handled just as safely as plates.

Sheets are delivered in a jogger, printed-side-up, at

and advance the separated top sheet to the conveyor mechanism and thence to the feed guides and side snap guide in close register.

Distribution of ink is very thorough with two large steel vibrating rollers, composition top riding roller and composition ductor roller. Two composition form rollers, two inches in diameter, cover the printing sur-

Illustration shows press and automatic feeder in operating position



the front of the press over the feed table. Both piles of blank and printed sheets are in plain view of the operator.

The cylinder is unusually heavy and has a two-inch driven-in steel shaft operating in ample bearings firmly bolted to the massive one-piece frame. Both sides of the cylinder are independently and easily adjusted by the operator. Cylinder gear is in constant mesh, with no wear on racks, and the cylinder is free to lift and lower to the proper requirement of type, plate or numbering machine forms.

The Automatic Feeder is the same principle as is used on the Kelly Press, with air blast to separate the sheets at the top of the pile and air suction to pick up

face of a full form. A supplementary ink plate is also used. The entire roller carriage may be raised or lowered without disturbing adjustment of rollers.

The bed drive and reverse are combined in one simple mechanical motion, and control the action of the well-balanced bed and cylinder at every point. Reverse of bed is without shock, due to the large arc of the driving gear, and requires no air cushioning.

Forms are placed on the bed at the top, the operator standing on a platform. Minor corrections can be made in the form, or the form planed, without removing it from the press, and the locking up of the form is done with ordinary quoins, key and printers' furniture.

The ink fountain is under the feed board. Regulating

screws are easily reached from either side of the press and adjusted while the press is in operation. The fountain is automatically tripped when the press is tripped, preventing the over-inking of forms. The tripping of ink fountain can be dispensed with when inking up or when double rolling.

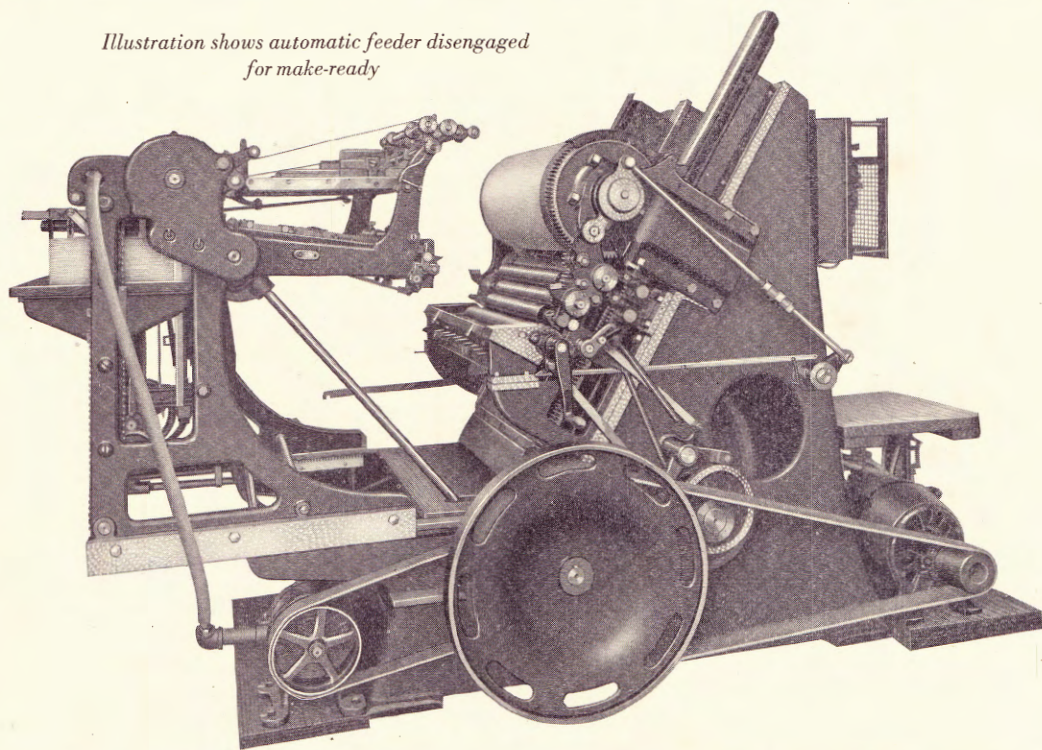
The electric equipment consists of motor with dynamic brake, variable speed controller, start and stop push button station. An automatic safety trip

plied by a rotary blower operated by belt from a pulley on the main shaft. Vents control the volume of air.

The automatic feeder is moved back by a handle to allow clear space for make-ready, roller and fountain setting and washing up, and is always timed to press.

The Kelly Automatic Jobber is a companion press to the Style B and Kelly Automatic No. 2. It does not supersede either but fills a place in the job room, with production, low operating costs and quality of printing

Illustration shows automatic feeder disengaged for make-ready



station is designed to stop the press instantly should two sheets come forward, if the sheet fails to feed, or when the last sheet is taken from the pile table. The automatic stop is operative either for single or double rolling of forms.

A pile of stock twelve inches high may be placed on the pile table which automatically lifts as the sheets are fed.

Air for blast separation and suction pick-up is sup-

plied by a rotary blower operated by belt from a pulley on the main shaft. Vents control the volume of air. The design is simple, press is easily understood and may be efficiently handled by any job or cylinder pressman.

Notwithstanding the high speed of the press and quality of printing produced, the range of work is not limited to light or selected forms. Like the other Kellys, the Jobber handles all work within its printing capacity.

SPECIFICATIONS OF THE KELLY AUTOMATIC JOBBER

Inside chase.....14x19 $\frac{3}{4}$ in.
Type matter covered by two form rollers.12 $\frac{3}{4}$ x19 in.
Largest sheet..13x19 $\frac{1}{2}$ in. Smallest sheet..5x8 in.
Impressions per hour.....4500

Power requirement.....2 horsepower
Height of press.....5 ft. 4 in.
Floor space.....3 ft.10 in.x7 ft. 2 in.
Shipping weight, about.....4000 lbs.

Each press is equipped with feeder, electric equipment, cast rollers, extra roller stocks, chase, counter and wrenches.

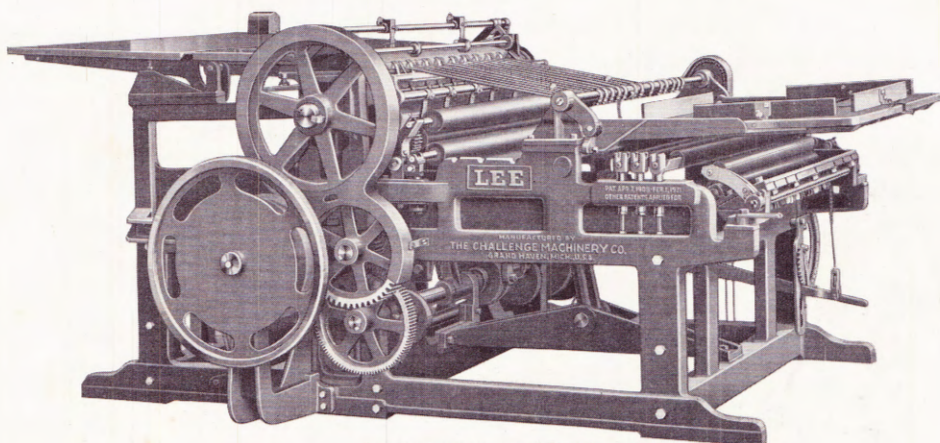
Manufactured and sold by the

AMERICAN TYPE FOUNDERS COMPANY

LEE TWO-REVOLUTION PRESS

A MODERATE PRICED PRINTING MACHINE

The Lee Two-Revolution Press is a Simplified Cylinder Press, compact in size, and yet large enough to handle two pages of a seven column newspaper without crowding, as well as to take care of the general run of job printing in an efficient and satisfactory manner. It possesses a strong, rigid impression, two form rollers, rack-and-screw and table distribution, impression



LEE TWO-REVOLUTION PRESS

trip, brake, front fly delivery (clean side of sheet to fly), and many conveniences heretofore supplied only on presses costing a great deal more.

The Lee Two-Revolution Press is very simple in operation—pressmen of limited experience readily master the few adjustments necessary to change from one size form to another. It is a marvel of smooth, quiet, easy running, registers perfectly and may be safely operated at 2250 per hour with air springs, and at 1800 per hour without air springs. In its construction the Lee Press represents the ripe experience of a third of a century. The manufacturers have developed and perfected the Lee Press to a point where they are willing to stake their reputation on it. They know the quality of the material and workmanship that is put into it, and, with the confidence of that knowledge, guarantee absolutely that the Lee Press will make good every claim made for it. In its low first cost, in its low cost of maintenance, in its superior product, and in its low cost of operation it represents one of the best possible investments you can make—a continuous profit producer.

REGULAR EQUIPMENT.—With each press is furnished one set of cast rollers, one set of roller stocks, impression trip, foot brake, six steel angle irons for delivery board, packing on cylinder, set of wrenches, screw drivers and oiler.

INFORMATION REGARDING THE LEE TWO-REVOLUTION PRESS

Size of bed	26x38 inches	Face of 12 inch pulleys	2½ inches
Size of sheet, up to	24x36 inches	Diameter of pulley for motor drive	30 inches
Size of matter	22x35 inches	Face of pulley for motor drive	3 inches
Highest point of feedboard	46 inches	Largest pulley that can be used	30 inches
Maximum speed, with air springs	2250 per hour	Width of belt	2½ inches
Floor space, over all	9 ft. 1 in. x 5 ft. 8 in.	From frame to center, between pulleys	8 inches
Floor space on base	6 ft. 1 in. x 4 ft. 1 in.	From rear end of frame to the center of driving shaft	25 inches
Size of motor required	1½ horsepower	If cement foundation is wanted, size is	4 ft. 6 in. x 6 ft. 6 in.
Number of revolutions of flywheel to each impression	8	Net weight	4500 lbs.
Diameter of tight and loose pulleys for steam power	12 inches	Weight boxed, domestic	5300 lbs.

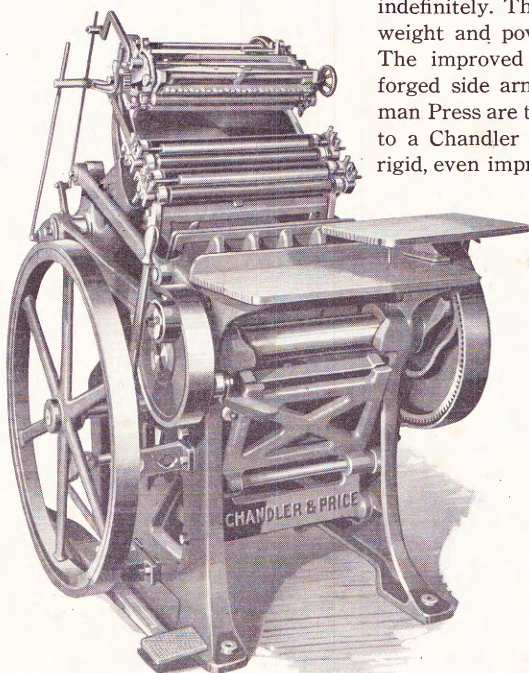
A pamphlet fully describing and illustrating the Lee Press, together with quotations on prices and terms, will be sent upon request

CHANDLER & PRICE CRAFTSMAN PRESS

A FOUR ROLLER GORDON PRESS

The new 12x18 Chandler & Price Craftsman Press is the last word in Gordon Press construction. Practical tests have proven conclusively that the Craftsman has great strength and rigidity and will handle any work required of it in a satisfactory manner, and with proper care will run indefinitely. The essentials for a perfect impression are weight and power, with correct balance and adjustment. The improved gear and crank wheel, steel crank pins, forged side arms and massive steel shafts on the Craftsman Press are the heaviest and most powerful ever applied to a Chandler & Price Press, and combine to produce a rigid, even impression with absolute register; yet so finely balanced and so accurately adjusted is the great weight that impact does not cause undue wear of type and cuts.

The Craftsman Press is especially capable of producing fine halftone printing, beautiful color process reproductions and work requiring heavy impression. These things it does with all the speed and economy of the regular Chandler & Price Presses. Supplied by a strong, effective full-length vibrating brayer ink fountain, there are four form rollers, upon which the ink is equally distributed by two removable vibrating rider rollers, in addition to the usual distribution obtained from ink disc, giving the rollers a constant supply of distributed ink.



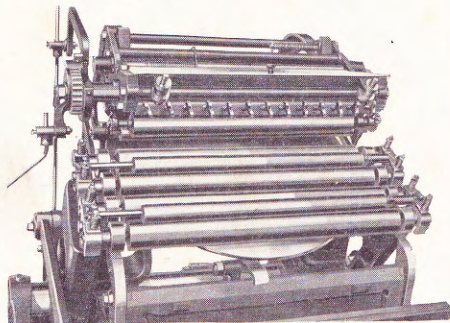
CHANDLER & PRICE CRAFTSMAN PRESS
FOUR ROLLER, 12x18 INCH

In the vibrating ink fountain the ink is transferred from the fountain cylinder to a composition roller, thence to a vibrating metal roller, from which the top form roller is supplied. The flow of ink from fountain is regulated by screws, providing more or less ink to any part of the form as required.

The standard equipment of the Craftsman Press consists of a C. & P. brake, a positive chase hook (patent applied for), adjustable bed tracks, extension roller tracks, four form rollers with two vibrating riding rollers, vibrating brayer fountain, single ink disc, throw-off, depressible grippers, three guaranteed semi-steel chases, two wrenches, eight roller stocks, crankshaft and combined gear and pinion guard, as illustrated. Extra attachments are side power fixtures, motor bracket equipment, steel skeleton chase and spider chase.

The American Type Founders Company has the distinction of having marketed more of the manufactures of the Chandler & Price Company than have been sold by all other dealers. Each sale has been a source of complete satisfaction to our customers and to ourselves. The name Chandler & Price is a guarantee of good workmanship, reliability and durability. All makes and sizes of Chandler & Price Presses are kept in stock in our Selling Houses, covering the continent.

A pamphlet showing some of the beautiful specimens of halftone and letterpress work the Craftsman Press is capable of doing, together with a complete description of the press, will be sent to anyone interested. Quotations and terms will also be sent upon request.



THE CRAFTSMAN INK FOUNTAIN
AND ROLLER DISTRIBUTION

CHANDLER & PRICE NEW SERIES PRESSES

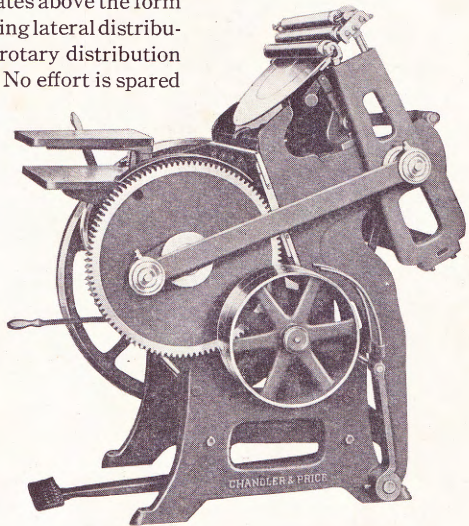
The Chandler & Price New Series Presses are designed along approved scientific lines. The frames of all sizes are box pattern with deep flanges, with the correct distribution of metal to make them exceedingly strong and rigid. The roller saddle rods and springs are enclosed in the roller frames. The main gear is unusually heavy and has a broad face, insuring long life and sufficient ruggedness and ability to stand up under the heaviest strains of fine printing. Inside the gear in the raceway of the cam, where the strain is greatest, a hardened steel segment is inserted, making it practically non-wearable. The gear is covered by a protecting guard, preventing the accidental soiling of stock. The side arms are of steel, forged flat, and are provided with oil grooves and oil cups. The flywheel is small in size, has straight spokes and a heavy rim, properly proportioned to give the best balance. The essentials of a perfect impression are weight and power, with correct balance and adjustment.

The inking device is provided with a metal riding roller which vibrates above the form rollers, adding lateral distribution to the rotary distribution of the disc. No effort is spared to build a compact, rigid, durable, serviceable printing machine, and the New Series Chandler & Price Press has proven to be the highest degree of platen press efficiency ever attained. Made in four sizes, as follows: 8x12, 10x15, 12x18 and 14½x22—a size to meet every requirement.

THREE-QUARTERS VIEW OF 8x12 NEW SERIES CHANDLER & PRICE PRESS

Roller trucks regularly furnished with C. & P. New Series Presses are: 8x12 press, 1⅝ inches in diameter; 10x15 press, 1⅝ inches in diameter; 12x18 and 14½x22 presses, 1⅝ inches in diameter. Trucks ¼ inch or ⅛ inch oversize or undersize can be furnished for any size press. These extras are recommended: Side power steam fixtures, Buckeye Fountain or C. & P. Fountain and vibrating distributor, steel skeleton and spider chases.

Roller trucks regularly furnished with C. & P. New Series Presses are: 8x12 press, 1⅝ inches in diameter; 10x15 press, 1⅝ inches in diameter; 12x18 and 14½x22 presses, 1⅝ inches in diameter. Trucks ¼ inch or ⅛ inch oversize or undersize can be furnished for any size press. These extras are recommended: Side power steam fixtures, Buckeye Fountain or C. & P. Fountain and vibrating distributor, steel skeleton and spider chases.



SIDE VIEW OF 10x15 NEW SERIES CHANDLER & PRICE PRESS

INFORMATION REGARDING CHANDLER & PRICE PRESSES

Style of Machine	Inside of Chase Inches	Floor Space Inches	Space Through Which Press Will Pass			Center of Fly-wheel to Floor Inches	Face and Diameter of Driving Pulley Inches	Width of Belt Inches	Revolutions of Fly-wheel to Each Im-pres'n	Im-pres'ns per Hour at Highest Speed	Horse-power Necessary	Weight Crated Lbs.
			Assembled Inches	Partly Stripped Inches	Entirely Stripped Inches							
New Series C. & P. Press	8x12	40½x48	36	27	18	21¾	12x2½	2	4	2600	¼	1160
New Series C. & P. Press	10x15	47x55	43	31½	21½	21¾	13½x2½	2	6	2300	¼	1643
New Series C. & P. Press	12x18	55½x60	46	36	25½	25½	13½x2½	2	7	1800	½	2243
New Series C. & P. Press	14½x22	62½x67	51	40	29¼	20¾	13½x2½	2	4	1500	½	2860
C. & P. Craftsman Press	12x18	55½x60	48½	36½	28	.....	13½x2½	..	7	....	1	2826

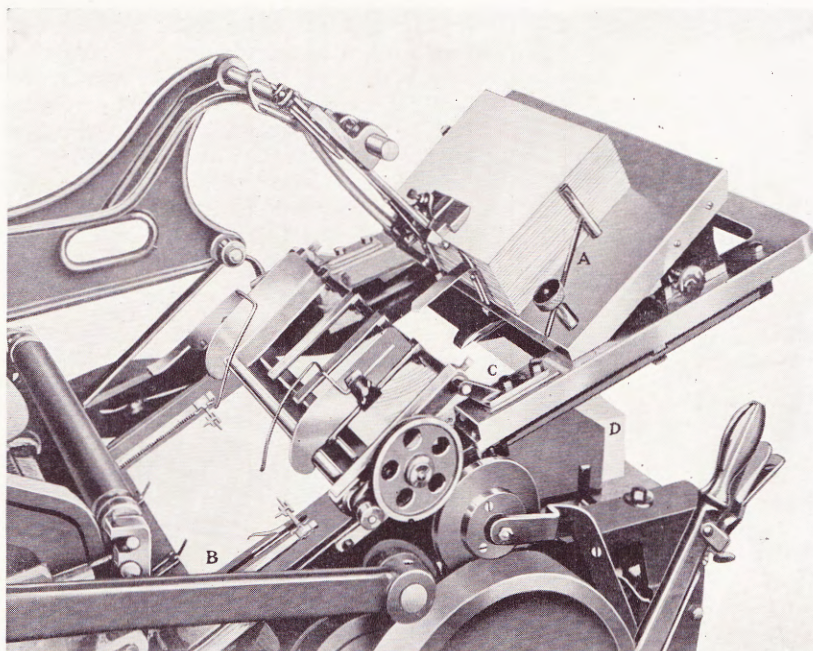
Side power fixtures extra. No allowance can be made for omission of or return of regular complement of chases or treads. Nor is it permitted to return fountains or steam fixtures ordered for any size machine.

Send for illustrated pamphlet and lowest selling prices

THE KLYMAX: THE BEST AUTOMATIC FEEDER FOR CHANDLER & PRICE PRESSES

OWNED AND MANUFACTURED BY THE AMERICAN TYPE FOUNDERS COMPANY

Made for 8x12, 10x15 and 12x18 inch Chandler & Price Presses (including C. & P. Craftsman Press, 12x18 inch), the Klymax Automatic Feeder has the greatest range of utility among platen press feeding machines, yet requires no extra attachments, not even for envelopes. It is equally effective on all sizes of C. & P. Presses. The Klymax is sold as a unit with press, or separately.



THE KLYMAX AUTOMATIC FEEDER IN ACTION: A—THE FEED PILE; B—SHEET AT GUIDES, IN REGISTER, BEFORE IMPRESSION; C—PRINTED SHEET LEAVING PLATEN TO BE DEPOSITED IN JOGGER (D)

The Klymax feeds the entire range of commercial work, including all weights and makes of paper from medium weight folio to heaviest (12-ply) cardboard. It also feeds equally well, without extra attachments, envelopes (all sizes), blotters, tags, flat bags, and unusual jobs of irregular shapes—ovals, box cartons, folded sheets, etc.

Maximum sheet taken is as large as inside dimensions of the regular chases of each size of press. Minimum size taken on all sizes of presses is 2x4 inches. The speed of the Klymax Feeder is equal to that of the press to which it is attached, giving the maximum in production.

The Klymax Feeder is exceedingly simple and easy to adjust and operate. It has no gears, cogs or tapes and has comparatively few working parts, 95 per cent of which are in plain view.

The register is hairline, so that color work is fed accurately. The guides are automatic, greatly facilitating make-ready, as no pins or quads are used. The automatic feed guides are so arranged that they may be lifted without changing the position or register of the sheet while the tympan sheets are replaced from time to time on excessively long runs.

An automatic trip throws off the impression and stops feeding when the feed pile has run out or a defective sheet fails to arrive on the platen. The automatic trip does not stop the press, but it does notify the operator by signal. It also trips and stops feeding if a sheet fails to be taken off the platen, making it impossible for a number of sheets to collect on the platen, thus preventing smashed forms and other damage.

KLYMAX AUTOMATIC FEEDER—Continued

The adjusting of the Klymax Feeder from one job to another is very simple and consumes practically no additional time over the ordinary make-ready on a hand-fed press, due to the fact that the automatic feed guides simplify the make-ready. Friskets and strings may be attached to grippers.

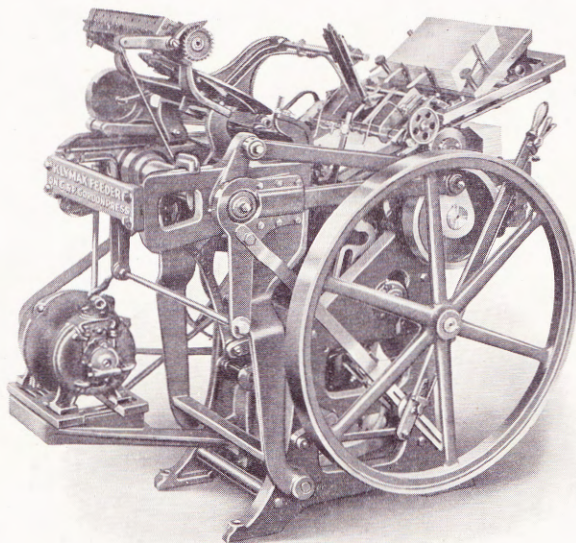
Any ordinary pressman can learn in a short time the entire operation of the Klymax Feeder and will have no difficulty in operating two or more presses, if conditions permit.

The sheets are separated from pile by suction, derived from an air pump (included in feeder equipment) which is operated by the power (belt-drive or motor) used to drive press.

The feed table of the Klymax is unusually deep, holding more than 500 sheets of 20-lb. bond. Stock may be added or removed from the feed pile without stopping the press or losing an impression. The delivery is immediately under the feed table and at a convenient height. Printed sheets are delivered jogged. The pile taken by the jogger is slightly higher than that taken on the feed table.

The Klymax Feeder is thoroughly developed. Batteries of from three to twelve are in use in some of the largest printing plants. It was designed by engineers and experts who have had years of experience in building paper feeding and printing machinery.

The Klymax Feeder may be applied to the new model Chandler & Price Presses now in use, or may be bought with the presses in the following



CHANDLER & PRICE 10X15 INCH PRESS EQUIPPED WITH
KLYMAX AUTOMATIC FEEDER

KLYMAX UNITS—THE BETTER WAY TO BUY

There are four Klymax Units: 8x12, 10x15, 12x18 inch, and the Craftsman (also 12x18 inch). A Klymax Unit consists of feeder, a C. & P. Press, three chases, one set cast rollers, one set roller stocks, flywheel guard, ink fountain, counter, patent grippers, direct or alternating current motor, motor pulley, press pulley, a speed regulator or a variable speed pulley, motor bracket and belt, and (if the motor is alternating current) a variable speed foot control. There is the advantage in buying motors with Klymax Units that all connections are synchronized at factory.

PARTICULARS OF KLYMAX UNITS

KLYMAX UNIT No. B—Includes Klymax Feeder, 8x12 inch C. & P. Press and electric motor (D.C. or A.C., as required), with other equipments listed above. Code word: with D.C. motor, *Klyab*; with A.C. motor, *Klybe*.

KLYMAX UNIT No. C—Includes Klymax Feeder, 10x15 inch C. & P. Press and electric motor (D.C. or A.C., as required), with other equipments listed above. Code word: with D.C. motor, *Klyac*; with A.C. motor, *Klyce*.

KLYMAX UNIT No. D—Includes Klymax Feeder, 12x18 inch C. & P. Press and electric motor (D.C. or A.C., as required), with other equipments listed above. Code word: with D.C. motor, *Klyad*; with A.C. motor, *Klyda*.

KLYMAX UNIT No. X—Includes Klymax Feeder, Craftsman 12x18 inch C. & P. Press and electric motor (D.C. or A.C., as required), and equipments as above. Code word: with D.C. motor, *Klyax*; with A.C. motor, *Klyxa*.

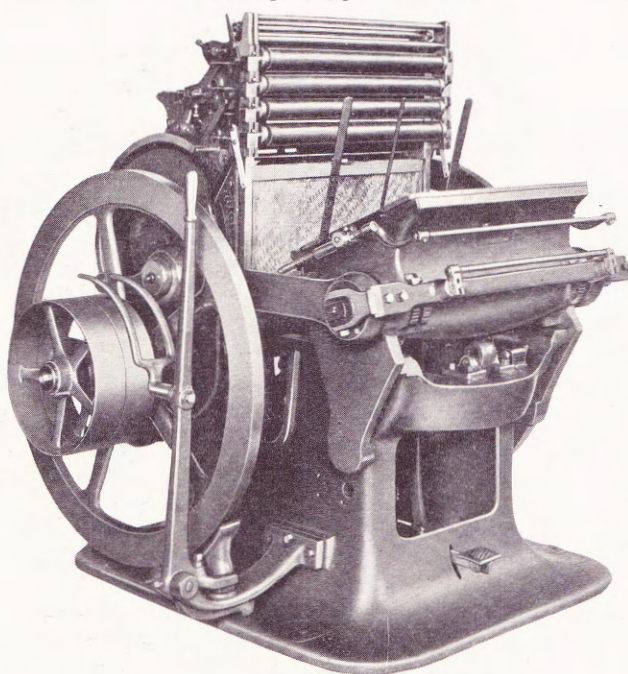
POSITIVE ECONOMIES EFFECTED BY KLYMAX FEEDERS

The economies effected by a reliable automatic feeder on a platen press are indisputable and too well known to require explanation. These are the saving of wages of at least one operator with increase of product due to greater speed and more continuous operation; reduction of waste of stock; while as a safety device it is 100 per cent efficient.

LAUREATE FOUR-ROLLER PLATEN PRESS

SIZE: 14x22 INCH—HALF SUPER-ROYAL

The Laureate Four-Roller Platen Printing Press, Model J, has been on the market for a number of years and has given excellent satisfaction. It has four form rollers and is especially intended for work of a character requiring perfect distribution and heavy impression at speeds of 1200 to



LAUREATE PLATEN PRINTING PRESS

1800 impressions an hour. The movement of the platen is faultlessly controlled and permits of rapid feeding. The particular function of the Laureate is printing halftones, multiple color plates, tint blocks and combinations of cuts, borders and type. It can also be successfully used for printing thick and heavy cardboard, heavy cover stock, and other work not so well adapted for a cylinder press. The faces of the bed and platen are hand scraped to practically exact plane surfaces and the rigidity of the bed and platen, and the accuracy with which the bed slides squarely toward the form, make it possible to use a thin and hard make-ready, which assures a sharp, clean impression.

Good examples of the work which may be produced on the Laureate at high speed are

the three-color and tint-plate halftone advertising placards to be seen in railroad cars, omnibuses, subways and wherever such advertising is exhibited.

The Laureate can readily be adapted for special purposes, at a moderate additional cost, such as for hot-stamping book-covers and thereafter inlaying them; and, when-stripped of the inking apparatus, it is uniquely effective for moderately heavy embossing; also, in certain cases, to simultaneously print and emboss at a single impression. But, when special uses are contemplated, each case should be submitted by us to the manufacturers for approval.

The Laureate ink fountain is of the most approved design, and offers the pressman every facility for producing the highest class of work. The distribution system is built on scientific lines. Changes from one color to another can be made quickly, as the distributing system is extremely simple and effective; neither streaks nor reprints are possible.

Chases are steel, all surfaces finished, locking surfaces parallel, and the locking-latch is actuated by a pedal. The carriage is driven by the main crank-pins. When the driving belt is shifted, or an electric motor circuit broken, friction is simultaneously applied to flywheel, whereby a very sudden stop can be effected. The impression throw-off also serves to cause the carriage to dwell on cylinders. Both cylinders reciprocate, as changers, each traverse being opposite to that of the other; hence, the alternating thrust is balanced.

In the designing and general construction of the Laureate Four-Roller Platen Printing Press the employment of unnecessary curlicue lines and sharp intersections between angles were purposely avoided. Simplicity in details and harmonious results in the aggregate was the aim.

*Send for circular fully describing the Laureate Four-Roller Platen Printing Press
Quotation will be sent upon request*

COLT'S ARMORY MODEL 5-C PRINTING PRESS

SIZE: 14x22 INCH—HALF SUPER-ROYAL

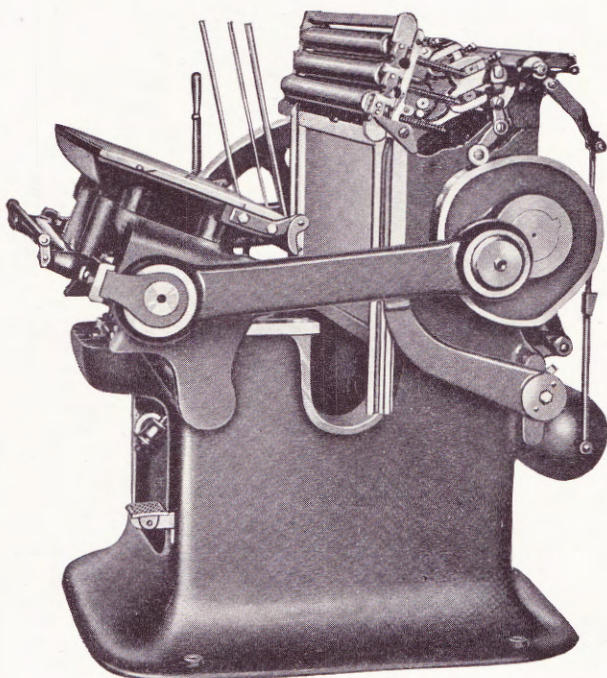
Colt's Armory Model 5-C Printing Presses were first introduced to the printing trade in 1886, and are well and favorably known throughout the world. Thousands of these presses are in operation at the present time, giving complete satisfaction. They were launched at the start with correct mechanical design and construction. Their high class construction, as well as the high grade materials used in their manufacture, has always characterized them as the very best moderately priced platen-type printing machines obtainable. Both the bed and platen of all Colt's Armory Presses are hand scraped to approximately exact plane surfaces, and the impact imparted to the form by the platen is not only primarily very precise, but will remain so indefinitely. This is due to the fact that when the platen moves toward and impinges upon the form it is entirely free from the controlling action and can do nothing else other than slide forward dead square to the impact, reducing the possibility of a slurring impression.

Various detail improvements have been made from time to time in order that the machines be kept in step with the requirements of the advancement in printing. Especially do these improvements relate to the betterment of the inking system. The fountain is elevated and set back so that the ductor roller deposits ink directly upon the changer and the fresh ink from the fountain is immediately distributed and again passed to the distributing rollers and redistributed and given the necessary finishing touch before it reaches the three form rollers. When the roller carriage is latched-up, the feed of the ink fountain automatically ceases. Consequently when the form rollers are again put in action the delivery of ink to the form is precisely the same as before. Many other minor improvements make the Colt's Armory Printing Press a decidedly modern printing machine. The automatic feed for controlling the ink supply and the roller adjustments for regulating the contact or pressure of the distributing rollers are among the more recent important improvements. The main ink cylinder reciprocates differentially, serving as a changer both on the distributing rollers and on the form rollers.

The Colt's Armory Printing Press is efficient and moderately priced. It is normally immune against a let-down in efficiency, and the cost of maintenance is almost negligible.

It is a producer of high grade printing at a high rate of speed. With truly type-high forms and hard, thin tympan, the make-ready is easy and enduring. The platen swings out to a wide angle, reverses very slowly and smoothly, as is also the case with the carriage action.

The equipment and specifications of the Colt's Armory Model 5-C Printing Press are the same as those of Model 6-C, described on page 902. The only difference in the two machines is that the Model 6-C is built considerably heavier and better adapted for specialty printing than Model 5-C.



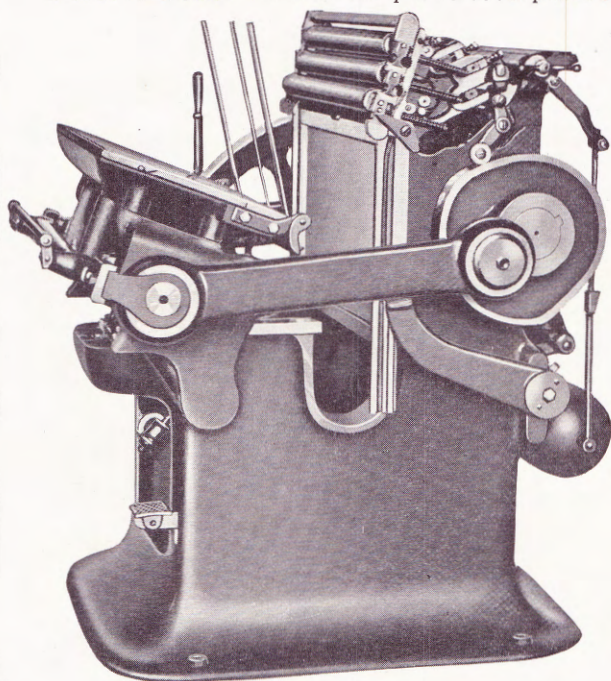
COLT'S ARMORY MODEL 5-C PRINTING PRESS

*Send for circular fully describing the Colt's Armory Printing Presses
Quotations will be sent upon request*

COLT'S ARMORY MODEL 6-C PRINTING PRESS

SIZE: 14x22 INCH—HALF SUPER-ROYAL

The Colt's Armory Model 6-C Printing Press has three form rollers and is built along the same lines as the Model 5-C with the exception that the platen bed and frisket frame are considerably



COLT'S ARMORY MODEL 6-C PRINTING PRESS

heavier and consequently stronger, which makes the Model 6-C exceptionally well adapted for printing wooden toy blocks, checkers, graduated rules (straight and beveled), book cover stamping (hot or cold), inlaying book covers, light embossing (hot or cold), impressing gold foil, cutting out register dials, besides the general run of a good grade of commercial printing. As in the case of the Model 5-C and the Laureate Press, all pins, studs and rollers of the Model 6-C are of high carbon hardened steel, and they, together with the cranks and shafts, are ground to precise dimensions. The platen motion is exceedingly smooth, swings out to a wide angle and has a slow-moving dwell, which is conducive to rapid feeding and close register.

The ink fountain and distributing system of the Colt's Armory Model 6-C Printing Press is designed along the same lines as the Model 5-C, described on page 901 and possesses

the essentials necessary to adequately take care of a large variety of special work, besides the regular run of commercial job printing. The Model 6-C will be found a great acquisition in any establishment doing a considerable amount of special printing. It is essential, however, for the realization of the best results, and for mutual satisfaction between seller and purchaser, that we be informed in advance of the purpose or purposes for which the press is to be used. As a general rule it is far better to use a press for a single specific purpose rather than to indiscriminately employ it on too wide a variety of work. Nevertheless, in the hands of a competent pressman, unusual and excellent results in specialty printing can be obtained on the Model 6-C Press.

For example, a battery of presses of this type are used by the Bank of England for printing its India Rupee Notes from relief-engraved gun-metal plates. The make-ready for each denomination is on parchment, interchanges on the platen, and the endurance thereof is interminable.

The equipment for the Colt's Armory Model 6-C Printing Press consists of 6 form roller stocks, 4 distributor stocks, 2 vibrator stocks, 6 form roller wheels $1\frac{5}{16}$ inch in diameter, 6 form roller wheels $1\frac{7}{8}$ inch in diameter, 3 steel interlocked chases, 2 feed tables, 2 feed table standards, and 3 frisket fingers.

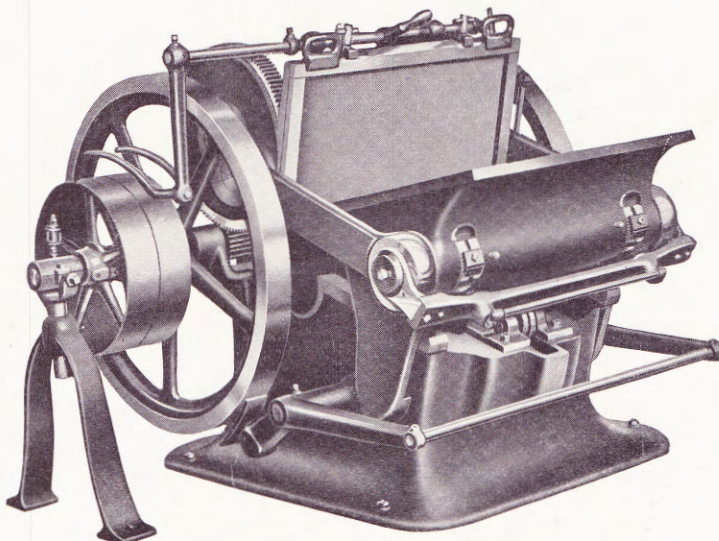
The press without feed tables measures 48x51 inches. The face of each feed table is $14\frac{1}{2}$ x22 inches. The space through which the press will pass assembled is 51 inches, and disassembled it may be passed through a space of $32\frac{1}{2}$ inches. There are $8\frac{1}{2}$ revolutions of the flywheel to each impression and one horsepower will drive the press.

NOTE.—Colt's Armory Presses are guaranteed by the manufacturers to be free from defects caused by internal flaws, or defective hardening. Any working part of the machine containing such defect will be replaced without charge. If such exist, it is because they are hidden.

THOMSON COLT'S ARMORY CRANK-ACTION CUTTING AND CREASING PRESS

REGULARLY BUILT IN TWO SIZES: 20x30 INCH AND 28x41 INCH

The Thomson Colt's Armory Crank-Action Cutting and Creasing Press, for producing cut and scored blanks for paper boxes and containers, cutting out cartons, etc., is a massive double geared machine with an underweighted flywheel on each side, transmitting the impressional stress in a most direct manner. The platen makes a direct, square and theoretically perfect impact upon the form, sliding to the bed free and unrestrained, about three-fourths of an inch, with perfect parallelism, insuring the longest possible endurance of the cutting rules, plates and make-ready. The bridge and platen are designed to insure the utmost possible rigidity, and the press as a whole is a combination of power, strength, speed and facility. The illustration gives a good idea of its massiveness and strain bearing qualities.



THOMSON COLT'S ARMORY CRANK-ACTION CUTTING AND CREASING PRESS

Thomson Colt's Armory Crank-Action Cutting and Creasing Presses have been in use in many of the largest paper box factories in the world for considerably more than a quarter of a century. Many of the very oldest machines are still in operation and are making money for their owners. The more recent machines, however, possess several important improvements made to keep them strictly up to date in every respect and also to meet present-day conditions and to anticipate the future demands of scoring and cutting.

Light embossing may occasionally be advantageously done on the 20x30 inch size.

Thomson Colt's Armory Cutting and Creasing Presses are regularly built in two sizes, 20x30 inches and 28x41 inches.

Send for an illustrated circular describing the Thomson Colt's Armory Crank-Action Cutting and Creasing Press, and ask for quotations. When making inquiry state whether the press is to be operated from a line shaft or is to be equipped with a direct connected motor. If an electric motor is to be used, give all necessary details regarding current, voltage, etc.

INFORMATION REGARDING THOMSON COLT'S ARMORY CRANK-ACTION CUTTING AND CREASING PRESSES

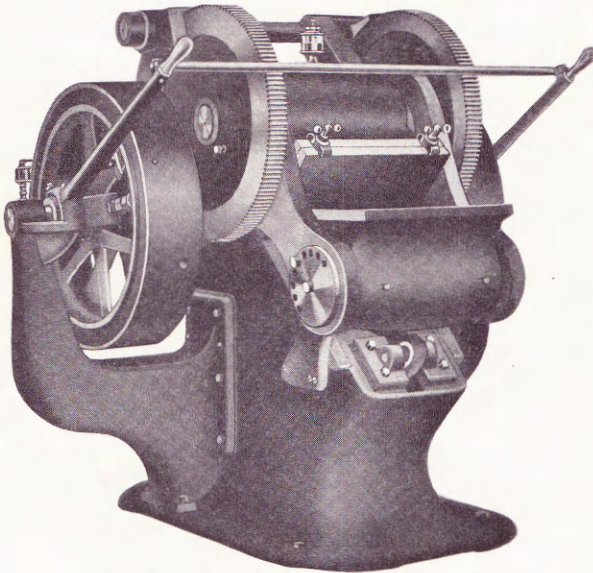
Size of Press	Face of Feed Table	Opening Press Will Pass Through Assembled	Opening Press Will Pass Through Disassembled	Horse-power Required	Range of Speed Per Hour	Floor Space Required	Diameter of Steam Pulley	Diameter of Motor Pulley
20x30 in.	18x28 in.	54 in.	42 in.	2½	1200 to 1800	54x62½ in.	17½ in.	28 in.
28x41 in.	24½x36½ in.	55½ in.	51½ in.	3	1200 to 1800	55½x79 in.	17½ in.	28 in.

The equipment shipped with the press consists of three steel chases, one steel plate, two feed tables, and the necessary wrenches, standards, etc. Write for illustrated circular and prices.

THOMSON ECCENTRIC-ACTION EMBOSSING PRESS

MADE IN TWO SIZES: 12½X18½ INCH AND 18X24 INCH

The Thomson Eccentric-Action Embossing Press bed and plate are solid masses of iron, the platen shafts are straight "pins," free in the platen and in the connecting rods, whereby they may differentially revolve. The main shafts are mounted in gun metal sleeves, and the



THOMSON ECCENTRIC-ACTION EMBOSSING PRESS

pinions and shafts are integral, being mounted in bored babbitted bearings. The connecting rods are forged mild-steel blanks machined to form. The bed of the smaller machine is 45 degrees forward of the vertical, that of the larger machine being 50 degrees. The feeding angle is nearly horizontal. When it is desirable to heat the dies, the use of electricity is recommended, although either gas or steam may be used.

The Thomson Eccentric-Action Embossing Presses are demonstrably safer, stronger, faster, more compact and more durable than the old-fashioned upright toggle-joint presses; and a major portion of fine stamped photo mounts and other particular embossing jobs are produced on these machines. The usual rate of operation is from 1500 to 2400 impressions per hour,

although a speed of 2700 impressions has been reached and maintained with the smaller press.

More dissatisfaction, expense, delays, spoiled work, and general bad feeling between the seller, the press manufacturer and the press users, have been caused by the ill-judged selection of presses for embossing than from all other causes combined. Inexperienced operators of presses nearly always underestimate the difficulties on the one hand, and are quite liable to overestimate the capacity on the other; out of this joint account there usually comes only "experience."

With full knowledge of the subject, the manufacturers assert that if there is one general class of machinery more than another in which a difference in the first cost counts the most for loss of profit, it is in embossing presses. The manufacturers of the line of embossers described here possess the ability, acquired through expensive experimentation and experience, to guide the purchaser within the line of safety, by offering practical suggestions as to which machine is best equipped for doing certain classes of work. When in the market for embossing machines, let us supply you with the necessary information as to which press will best meet your requirements.

Certain classes of light embossing can be advantageously run on Colt's Armory and Laureate printing presses, the inking apparatus being preferably removed; but, when such is contemplated, the manufacturers should first be consulted.

Write for circular giving complete specifications of the Thomson Eccentric-Action Embossing Press, and ask for information regarding the equipment obtainable for heating dies or stamps. Quotations will be made upon request.

INFORMATION REGARDING THE THOMSON ECCENTRIC-ACTION EMBOSSING PRESS

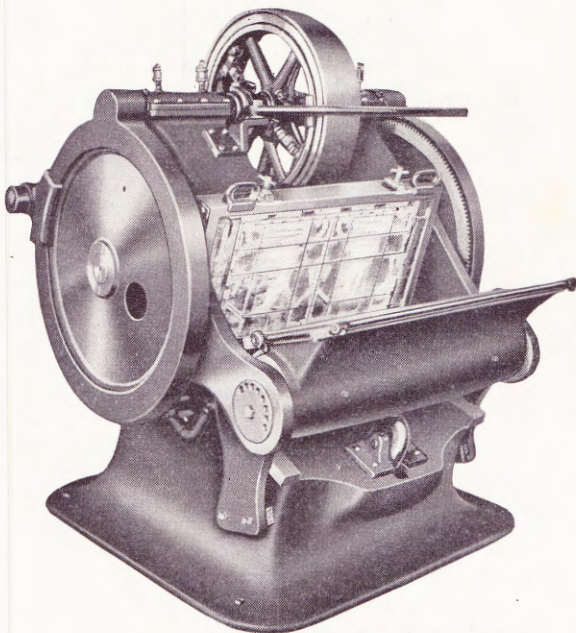
Size of Press	Space Through Which Press Will Pass Assembled	Space Through Which Press Will Pass Disassembled	Average Speed	Power Required	Net Weight	Shipping Weight
12½x18½ inches	46 inches	32 inches	1800 per hour	3 h.p.	5055 lbs.	5330 lbs.

THOMSON ECCENTRIC-ACTION CUTTING AND CREASING PRESS

MADE IN ONE SIZE ONLY: 26x38 INCH

The Thomson Eccentric-Action Cutting and Creasing Press has found a world-wide market and but for its considerably greater cost to manufacture would undoubtedly have superseded the sales of all other cutting and creasing machines. The peculiarity of this press is that the platen is actuated by inside eccentrics instead of by outside or overhung cranks. These eccentrics are formed as an integral part of the gears, on their inner faces, and surround the ends of the main shaft which projects beyond the bed. The connecting rods are thus necessarily interposed between the sides of the gears and the outside of the bed and brought considerably closer to the form than is possible with outside crank-action presses; there is less tendency to cramp and the impressional strain is applied with almost theoretically perfect directness. The angle of the bed is such that the major portion of the weight of the platen is borne by the connecting rods, which automatically take up the backlash or reaction caused by the eccentrics passing over their dead centers. When the clutch is disconnected, friction is concurrently applied and the platen may be stopped and started very quickly. The impression is adjustable by eccentric sleeves locked to the connecting rods and the gears and pinions are completely shrouded.

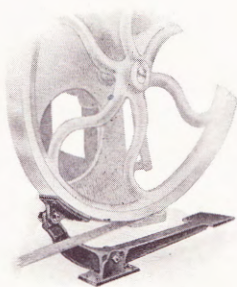
The Thomson Eccentric-Action Cutting and Creasing Press is especially recommended for cutting and scoring paper boxes, cartons, etc., in large forms, at rapid speed. It is also used by many prominent establishments for embossing sheets of large area, that is, those that do not involve the use of a die or dies of small surface containing too fine lines, and which are centrally located. For this particular class of embossing Thomson Eccentric-Action Cutting and Creasing Press cannot be approached for accuracy of registration, solidity of impression and large output. Write for descriptive circular and prices.



THOMSON ECCENTRIC-ACTION CUTTING AND CREASING PRESS

AMERICAN JOB PRESS BRAKE

FOR PLATEN PRINTING PRESSES



AMERICAN JOB PRESS BRAKE

The American Job Press Brake is made entirely of iron, and is simple, durable and effective for Gordon and other platen presses. It may be quickly attached, and does not interfere with belt on flywheel. Can be obtained for the various sizes of Chandler & Price Presses (either old or new series) and large size Universal Presses.

When ordering, specify style of press the brake is wanted for. Special American Job Press Brakes can be furnished for any job press if following dimensions are given: Diameter of flywheel, distance of flywheel to the floor, and the distance from the center of the flywheel to front of press. Prices will be quoted upon application.

THE GOLDING ART JOBBERS

MADE IN TWO SIZES: No. 18—12x18 INCH; No. 21—15x21 INCH

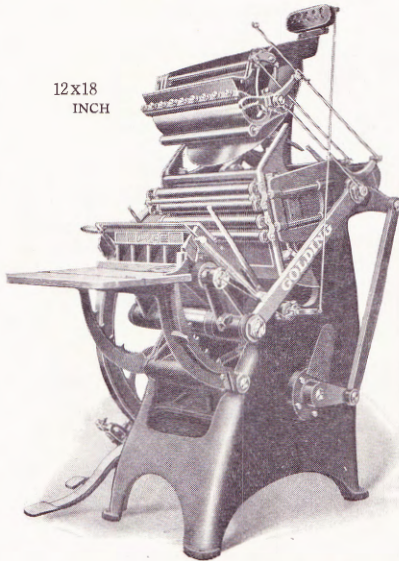
The Golding Art Job Presses occupy a distinctive position among platen printing presses. They are built extra heavy and strong, insuring great durability, yet they are very speedy and easy to make ready. The frame and bed are ponderous castings, ribbed and braced at all neces-

sary points to stand an enormous strain. No unevenness or settling of floors can affect the alignment of the bed with the platen or cause the working parts to get out of true. All bearings are reamed with extra care and the shafts bear direct upon the iron, insuring rigidity at the moment the impression is taken. All castings which make up the vital parts of the impression movement are built extra heavy and all impressional parts work from positive fixed centers, and there are no cams or sliding surfaces. The motion and power being supplied by the crank, the impression is imparted by a powerful compound lever or toggle; with the aid of this toggle an impression force is obtained which is many times greater than the original power supplied by the crank.

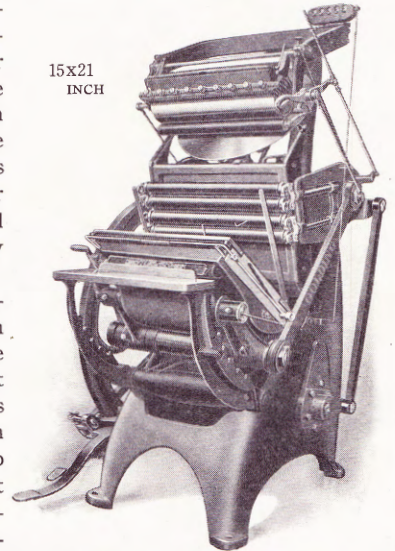
The duplex distribution feature both on the No. 18 and the No. 21 Golding Art

Jobbers means two distributions from two separate points at each impression, the four-roller distribution going down from the fountain and the four-roller distribution going up from the duplex distributor. This exclusive feature makes it possible to successfully handle the highest grade of letterpress and halftone printing. Treble distribution, when required, may be obtained by adding vibrating rollers. The No. 18 and the No. 21 Golding Art Jobbers are of same construction, except that on the No. 18 the platen and rocker are merged into one massive casting, with the impression adjustment located in the bed, but operated in much the same way as on all other Golding Jobbers. This arrangement increases speed and makes it a much faster press.

A half-length fountain may be obtained for either the No. 18 or the No. 21 Golding Art Jobber.



No. 18 GOLDING ART JOBBER, STYLE C
ART FOUNTAIN, COUNTER, POWER FIXTURES
SAFETY FEED GUARD AND ADJUSTABLE
ROLLER TRUCKS



No. 21 GOLDING ART JOBBER, STYLE C
ART FOUNTAIN, COUNTER AND
POWER FIXTURES

INFORMATION REGARDING GOLDING JOB PRESSES

	No. 6	No. 7	No. 8	No. 18	No. 21
Floor space, feed table closed.....	31½x44½ in.	37¾x51 in.	40x58 in.	41x59½ in.	53¾x74 in.
Diameter of rollers.....	1½ in.	1¾ in.	1¾ in.	1¾ and 2 in.	2 and 2¼ in.
Maximum impressions per hour.....	2800	2500	2200	2400	1800
Revolutions of flywheel to each impression.....	4	5	6	6	7
Shipping weight, complete.....	1050 lbs.	1530 lbs.	2150 lbs.	2800 lbs.	3250 lbs.

The two middle rollers of No. 18 and No. 21 are cast ¼ inch larger than those which work with them.

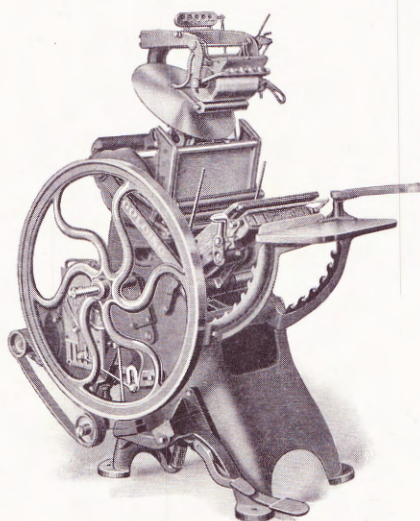
Diameter of rollers should be as nearly as possible ¼ inch larger than diameter of roller wheels.

For use with the Golding Vibrator Rider Roller both rollers should be exactly the same diameter and should not exceed 2 inches on the 15x21 and 1¾ inches on the 12x18 Art Jobber.

THE GOLDING JOBBERS

MADE IN THREE SIZES: 8x12 INCH, 10x15 INCH AND 12x18 INCH

Golding Jobbers are marvels of efficiency, especially in regard to the platen construction and size of impression-sustaining shafts and connections. The impression is sustained by the drawbars, two impression shafts and a throw-off shaft. The drawbars are of high grade steel, drop-



NOS. 7 AND 8 GOLDING JOBBERS WITH DIRECT CURRENT MOTOR AND CONTROLLER, AUTOMATIC RELEASE AND QUICK-STOP BRAKE

forged and tested to withstand an enormous tensile strain. The absence of any jar or recoil after the impression exerts a safeguard against undue wear of the bearing surfaces that sustain the impression, the strain being distributed equally over all parts of the frame. Although the platen moves forward to the bed at a rapid rate of speed, the actual impression is taken at a slow, steady, ever-increasing squeeze. The use of a compound toggle makes all movements of a positive character, with no suggestion of a cam or sliding bearing surface. The platen in its movements describes part of an arc of a circle; and its center, located just below the bed, sustains none of the friction generated by the immense impressional power. An extra long feeding dwell is obtained by the differential platen movement, which permits easy feeding.

The automatic brayer fountain used on the Golding Jobber delivers to the large ink cylinder an ink film almost perfect as to its uniformity. The knife is screwed solidly to the bottom of the ink well and its edge bears directly on the fountain cylinder in precisely the same manner as a cabinetmaker uses a steel scraper. The set screws pass through the clamp and engage the iron

ink well in the regular fountain, three of them being engaged in a thread passing through the clamp and bearing against the ink well, while the other two pass through the clamp and engage a thread in the ink well. The rotation of the fountain cylinder is adjustable to give from the smallest touch of new ink surface to an amount equal to the circumference of the brayer. The brayer roller is actuated by a rod connection with the form roller frame and transfers the ink gathered from the fountain cylinder to the disc in two full sweeps. By manipulating the fountain set screws it is possible to let the ink flow freely into center of the disc and run light on the edges, or vice versa.

Golding Jobbers are in use in hundreds of printing offices, and they are considered to be money-making machines. The quick make-ready features, automatic ink supply, high speed, long dwell of platen, etc., make for unusually high production.

OFFICIAL HAND PRESSES

MADE IN THREE SIZES: 4x6 INCH, 6x9 INCH AND 8¼x12½ INCH

Official Hand Presses are simple in construction and easily adjusted. The frame and bed are one casting. The construction is such that the power strain is compression and the bed and platen are so supported by cross braces that it is impossible to spring them under the heaviest impression. The power is amply sufficient to print a full form of type. There are no gears or springs to be strained or broken and no occasion for repairs. The working parts are perfectly balanced at every point in their movement. These presses require very little power and are almost noiseless in operation. Each press stands upon a pedestal, combining beauty and strength.

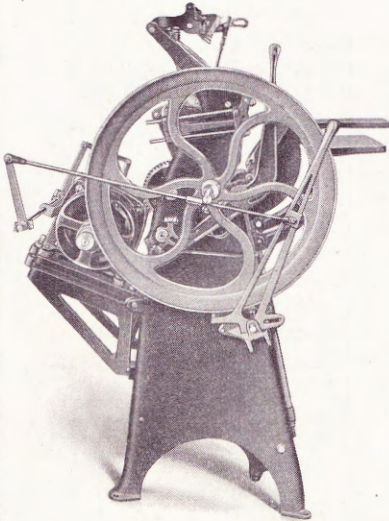
The ink distribution is obtained by a rotating disk and two rollers which have full movement on the disc. The rollers are carried twice completely over the form and the roller springs cannot be strained. Make-ready is easy and presses can be rapidly operated. Official Hand Presses are shipped complete with cast rollers, chase, wrench and base board.

THE IMPROVED PEARL PRESSES

MADE IN TWO SIZES: 5x8 AND 7x11 INCH

The Improved Pearl Press is especially recommended for printing offices doing a considerable amount of small stationery work, such as billheads, business cards, society cards, envelopes, menus, office blanks, and any of the lighter grades of work calling for high speed and an easy-

running press. Hundreds of them are in use in large and small offices doing a general line of small commercial forms. The maximum speed of the Improved Pearl depends altogether upon the size of the sheet and the ability of the operator to feed the press. Some operators obtain better than 3000 impressions per hour on ordinary work, but this does not represent the limit at which press can be run. The platen lies in a position to facilitate rapid and accurate feeding. The impressional force is imparted by a toggle or double lever. One end of the toggle is fixed to the frame and the other end is joined to platen rocker. It is straightened out by the connecting rod being forced down by the crank and its movement is arrested just before arriving at dead center. It is this feature, combined with the fast mechanical movement, that per-

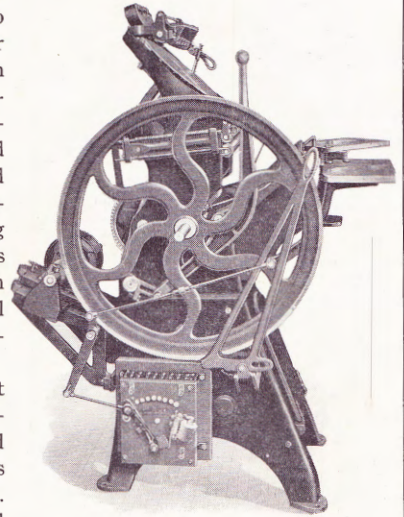


NO. 8 IMPROVED PEARL PRESS

mits the press to be operated at so high a rate of speed.

The Improved Pearl ink distribution system is all that could be desired on a press designed to handle a miscellaneous line of light forms. The ink supply is automatic and adequate for any small job of printing. Making-ready forms is simple. The first cost, the upkeep and operating costs are low.

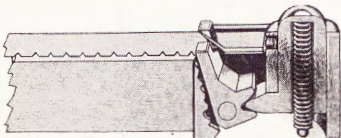
In the accompanying illustrations is shown the individual electric drive for Pearl Presses. The No. 8 Pearl shows the alternating current equipment and the No. 11 shows the direct current equipment. In both cases the motors are mounted on adjustable spring base supported by a cast iron bracket. The drive is by means of friction contact with the flywheel, while the motor is controlled by brake lever.



NO. 11 IMPROVED PEARL PRESS

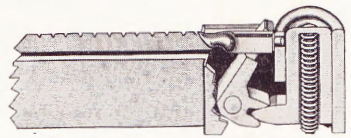
THE BURCH PERFORATOR

The Burch Perforator perforates while printing, without inking the stock or cutting the rollers. The base of the device is of solid metal, consequently no matter how much pressure is exerted by the quoin, it cannot affect the perfect working of the blade. The head may project



THE BURCH PERFORATOR—OPEN

into the furniture and needs no support, so no time is wasted on the stone. One simply locks perforator in form and the press does the rest. No quad or other make-



THE BURCH PERFORATOR—CLOSED

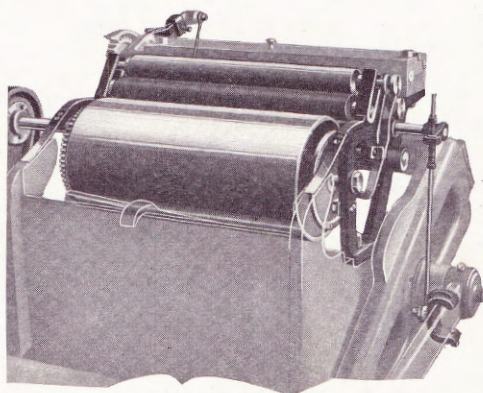
shift is necessary to paste on the tympan. Measurements are taken over all; the 10 inch device just fills a 10 inch chase, but perforates only $8\frac{7}{8}$ inches; the head in every case takes up $1\frac{1}{8}$ inches.

ROSBACK CYLINDRICAL INK DISTRIBUTOR

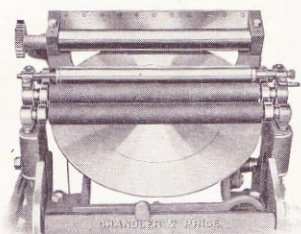
FOR 10X15 AND 12X18 INCH CHANDLER & PRICE PRESSES

The Rosback Ink Distributor attached to a Chandler & Price Press enables the printer to get practically the same ink distribution as is obtained on a cylinder press or a Universal-type platen press. It consists of a 7 inch vibrating cylinder, two composition distributing rollers, two metal vibrating rollers and a composition ductor roller. The ductor roller transfers the ink from a Chandler & Price long fountain to the distributors in whatever quantity desired. Ink taken from the fountain by the ductor roller is thoroughly distributed before it reaches the form rollers. Two revolutions of the 7 inch vibrating cylinder on the form rollers transfers the proper film of ink on them without streaks, resulting in a perfect job of platen presswork. The ink flow from fountain can be increased or decreased when and where needed by simply tightening or loosening the fountain screws.

The Rosback Distributor is not an experiment. It is virtually the same device used for years on the well-known Universal Printing Press, cleverly applied to a Chandler & Price Press without the necessity of drilling a hole. Increases the number of jobs that can be perfectly printed on a Chandler & Price Press, saves ink, and practically eliminates slip-sheeting. Instructions for attaching the Rosback Ink Distributor are sent with each machine.



ROSBACK CYLINDRICAL INK DISTRIBUTOR



C. & P. LONG FOUNTAIN
WITH VIBRATING ROLLER

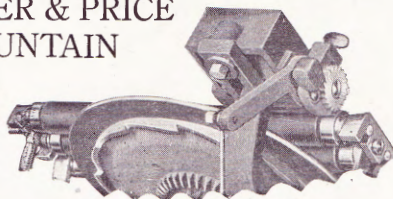
CHANDLER & PRICE LONG FOUNTAIN

Chandler & Price Long Fountain is in daily use in thousands of printing offices, and always gives entire satisfaction. It is simple in construction, easily regulated and very effective. It should be equipped to every Chandler & Price Press.

Write for information and prices

THE CHANDLER & PRICE SHORT FOUNTAIN

The Chandler & Price Short Fountain may be attached to any size Chandler & Price Press, but it is especially recommended for the smaller sized machines. It is an economical and efficient device and will be found entirely satisfactory for everyday printing.



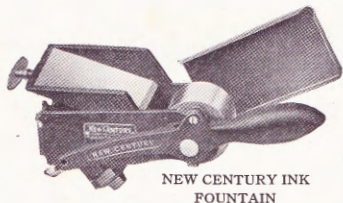
C. & P. SHORT FOUNTAIN

Information and prices sent to those interested upon request

NEW CENTURY INK FOUNTAIN

The New Century Ink Fountain is used on Chandler & Price and other Gordon Presses. It makes possible an evenly inked form, and an ink supply to meet every form requirement. Its quick one-screw ink regulation and one-screw contact adjustment not only save time, but insure an even, uniform color.

Write for information and prices

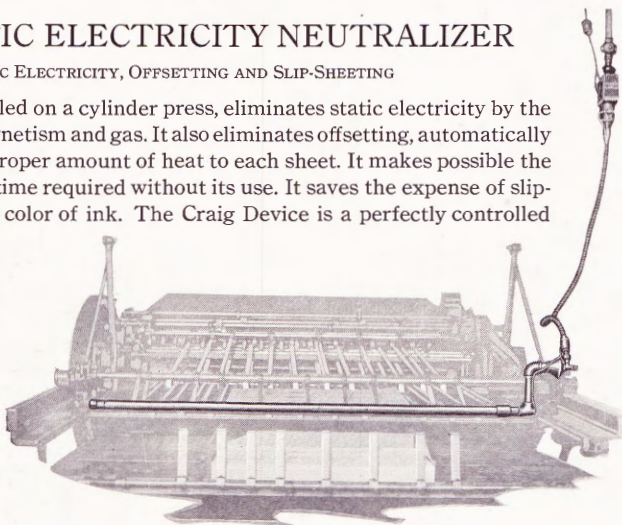


NEW CENTURY INK
FOUNTAIN

THE CRAIG STATIC ELECTRICITY NEUTRALIZER

ELIMINATES STATIC ELECTRICITY, OFFSETTING AND SLIP-SHEETING

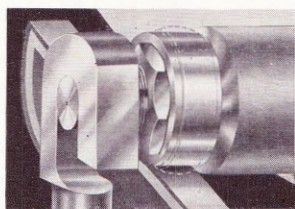
The Craig Device, when installed on a cylinder press, eliminates static electricity by the proper application of electromagnetism and gas. It also eliminates offsetting, automatically drying the ink by applying the proper amount of heat to each sheet. It makes possible the backing up of forms in half the time required without its use. It saves the expense of slip-sheeting, yet permits of the full color of ink. The Craig Device is a perfectly controlled automatic invention, heated by gas, and works unfailingly; it is economical to operate, and will last as long as the press. When press is stopped an automatic arrangement cuts off the heat and turns it on again when the press is started, making the cost of operating the Craig Static Electricity Neutralizer less than five cents per hour. It can be installed on any make, style or size of either rotary or flat-bed press, and can be controlled from either feed side or drive side of the press. Send for descriptive pamphlet and names of concerns that are using the Craig Device. Prices quoted upon request.



THE CRAIG DEVICE

MORGAN EXPANSION ROLLER TRUCKS

FOR PLATEN PRINTING PRESSES



MORGAN EXPANSION ROLLER TRUCK

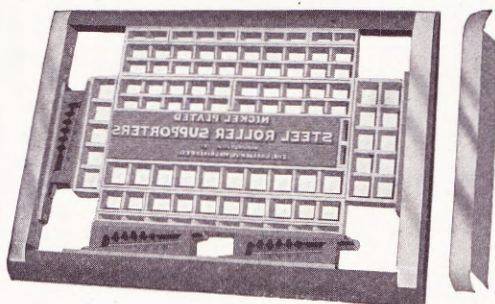
Morgan Expansion Roller Trucks will prevent the surface of inking rollers from cutting. They are made larger or smaller as required simply by turning a nut which acts upon two steel cones which either expand or contract the hard rubber tire upon the gudgeon. These trucks prevent rollers from "dragging" over the form, thereby lengthening the life of the rollers.

Set of 6—8x12 C. & P. Press.....	\$7.70	Set of 6—10x15 (No. 7) or 12x18 (No. 8) Gilding.....	\$7.70
Set of 6—10x15 C. & P. Press.....	7.70	Set of 4—10x15 Doyle-Allen Distributor.....	7.70
Set of 6—12x18 C. & P. Press.....	8.80	Set of 4—12x18 Doyle-Allen Distributor.....	8.80
Set of 8—14½x22 C. & P. Press.....	11.00	Set of 8—14½x22 Doyle-Allen Distributor.....	15.50

Extra Rubbers and Trucks may be purchased at reasonable prices

TRUE-STRAIGHT STEEL ROLLER SUPPORTERS

NICKEL PLATED AND POLISHED



TRUE-STRAIGHT STEEL ROLLER SUPPORTERS

For job presses these are among the best supporters yet devised. They occupy only ¼ inch of the inside space of a chase; they ease the pressure of the rollers on the form, prevent over-inking and save rollers from cutting, as they are ¾ inch wide on top. Being nickel plated, they will not affect the daintiest ink.

PRICES AND DIMENSIONS

	Per Pair		Per Pair
For 5x8 chase.....	\$0.30	For 10x15 chase.....	\$0.50
For 6x10 chase.....	.30	For 11x17 chase.....	.50
For 7x11 chase.....	.30	For 12x18 chase.....	.50
For 8x12 chase.....	.40	For 13x19 chase.....	.50
For 9x13 chase.....	.40	For 14x20 chase.....	.75
		For 14½x22 chase.....	\$0.75

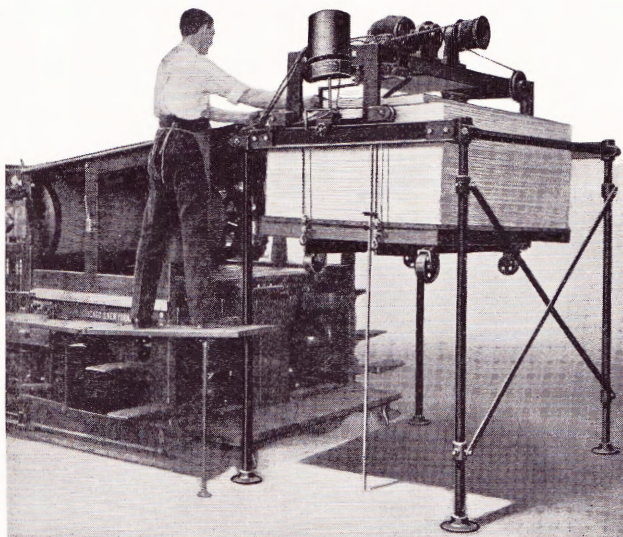
ROUSE CYLINDER PRESS PAPER LIFT

A GREAT CONVENIENCE AND TIME-SAVER

Rouse Paper Lift for hand-fed presses is a semi-automatic electric elevator that will lift one ream or a day's run of paper rapidly and without muscular effort. A load of stock is wheeled beneath the lift; cable ends are attached under the truck or platform and the motor lifts the load for the feeder, stopping when the top of the stack is about four inches above the feed board, when the motor switch is automatically thrown out. There is no adjustment for different size sheets or when making the change from one weight of paper to another.

Rouse Paper Lifts use very little power and they save a great deal of time and money in the handling of stock for hand-fed presses.

To accommodate various kinds and sizes of printing presses the Rouse Paper Lift is made in several types or styles, all of which are fully described and illustrated in a pamphlet which will be promptly sent to interested printers upon request. Ask for quotations.



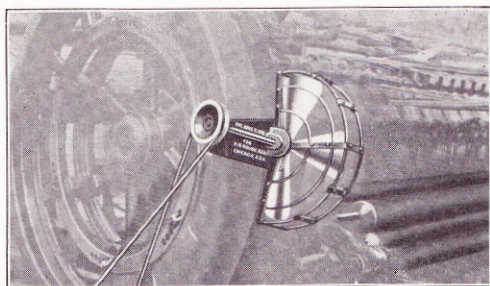
ROUSE PAPER LIFT, STYLE C

ROUSE ROLLER FANS FOR CYLINDER PRESSES

SAVE ROLLERS IN HOT WEATHER

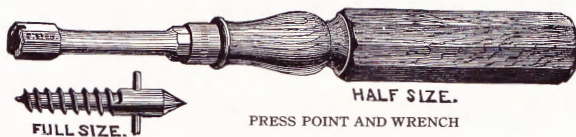
The Rouse Roller Fan is a simple yet efficient device made especially for cylinder presses. The fan is so located on the press that a stream of cool air is blown under and on the composition rollers, retaining a temperature that keeps them from melting in extreme hot weather. Rouse Roller Fans have proven of great assistance in maintaining efficiency in the pressroom during the hot weather months. They are made in several styles to meet the requirements of the presses on which they are intended to be installed. If you want to keep your rollers cool in hot weather, install these fans and note the result.

A circular, describing Rouse Roller Fans, with prices, will be sent upon request.



PRESS POINTS AND WRENCH

A time-saving improvement over the old method of using nails or wire. Points are screwed into the proper position and may be raised or lowered to make the hole in the sheet the size wanted.



Points, per dozen\$2.00 Wrench.....\$1.00

ELECTRIC MOTORS FOR PRINTERS AND BINDERS

FOR SAFETY, ECONOMY AND CONVENIENCE

Electric motors, whether direct or alternating current, have long been recognized as the most desirable driving power for either a cylinder press, job press or other piece of machinery in a printing office or bookbindery. The reasons no longer need elaboration. Cleanliness, safety, economy and convenience are the attributes of the electric motor not possessed by any other form of drive. An individual motor for each machine is now standard practice, the logic of which has been repeatedly confirmed by the economy and flexibility resulting from such installations.

We handle the motors and equipments of two leading manufacturers who have made a special study of the requirements of printers and bookbinders, and there is nothing better for the purpose on the market, whether the equipment wanted is for cylinder presses, job presses, paper cutters or other machinery.

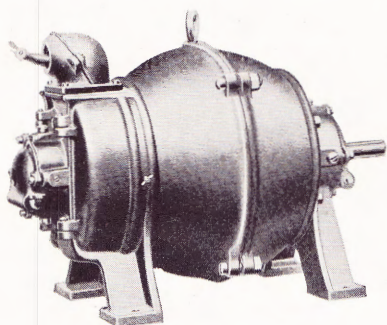


ILLUSTRATION NO. 1
GENERAL ELECTRIC TYPE RT
DIRECT CURRENT MOTOR

GENERAL ELECTRIC DIRECT CURRENT MOTOR

Illustration No. 1 shows General Electric Type RT Direct Current Motor. This powerful enclosed motor is particularly adapted to job presses and paper cutters on account of its heavy starting power and overload capacity. Shunt windings are used on job presses, and compound on cutters.

GENERAL ELECTRIC DIRECT CURRENT CONTROLLER

Illustration No. 2 shows General Electric CR-6365 Direct Current Controller. This is the enclosed type with externally operated pre-set speed handle. Motor is started and stopped with snap switch or line switch.

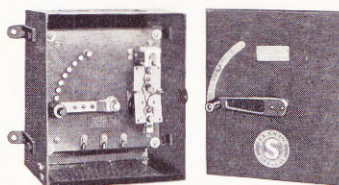


ILLUSTRATION NO. 2
GENERAL ELECTRIC CR-6365 DIRECT
CURRENT CONTROLLER

GENERAL ELECTRIC ALTERNATING CURRENT MOTORS

General Electric BSS single, two and three phase Alternating Current Motors for Chandler & Price Presses are equipped with speed change secured by means of a convenient foot control. Wide range of speeds and fine adjustment can be secured. Only two wires are necessary. Absence of rheostats results in simplicity and high efficiency at all speeds. Motors have compensating winding, which gives good commutation and results in long life of motor.

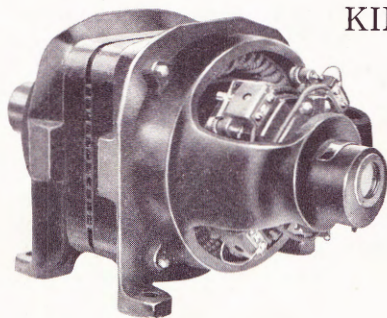


ILLUSTRATION NO. 5
KIMBLE MOTOR FOR CYLINDER PRESSES

KIMBLE MOTORS AND EQUIPMENTS

FOR CYLINDER PRESSES

Illustration No. 5 shows a Kimble Class AR Single Phase Alternating Current Cylinder Press Motor. It is well adapted for operating individual presses or groups of presses. A casual study of the illustration will reveal the simplicity of the design. Simplicity in design means fewer parts to need attention and freedom from the shutdowns which invariably occur with complex apparatus. Nothing has been sacrificed to obtain this simplicity in design.

Send for pamphlets describing and illustrating the complete line of Motors and Equipments. Ask for quotations

KIMBLE REVERSIBLE MASTER UNIT CONTROL

FOR CYLINDER PRESS MOTORS

The Kimble Master Unit Control has four positions—inch, run, stop and reverse—and gives seven forward speeds and one reverse speed. The inching feature of this equipment is very advantageous and desirable, and is not found in the ordinary control system. It starts the motor with constant pull regardless of the setting of the speed regulator. Ample starting torque under all conditions is thereby assured; the speed can be set as desired for the run of work; and the setting is not disturbed by the stopping and starting of the motor.

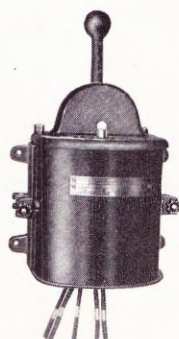


ILLUSTRATION NO. 6
MASTER UNIT

KIMBLE MOTOR WITH NEW SPEED CONTROL

AN IMPORTANT IMPROVEMENT

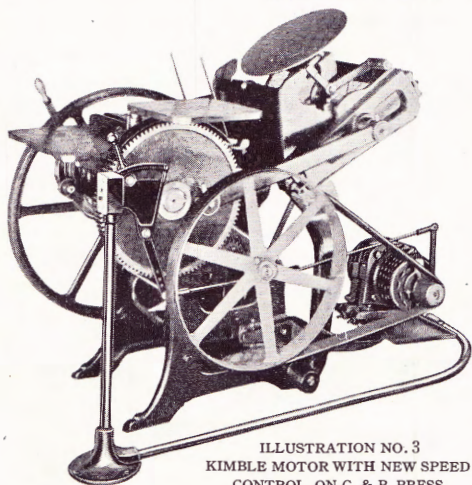


ILLUSTRATION NO. 3
KIMBLE MOTOR WITH NEW SPEED
CONTROL, ON C. & P. PRESS

Illustration No. 3 shows a Kimble Motor with belt drive and the new speed control attached to a Chandler & Price press. The control is an important improvement on other methods of equipping job presses with motors. The motor stands on a special base bracket which is attached to the press on the right side and the speed control is located at the right-hand side of the feeder within easy reach. A casual study of the illustration will reveal the simplicity that has attended the design of the Kimble Motor equipment for job presses.

The manufacturers of Kimble Motors have made a study of the requirements of printers and bookbinders and consequently have developed a splendid line of electric motors and equipment for printing presses and bookbinding machinery.

KIMBLE MOTOR WITH FRICTION DRIVE

CLASS LR MOTOR WITH L-559 FRICTION DRIVE

Illustration No. 4 shows Kimble Class LR Motor with the L-559 Friction Drive Attachment complete. The motor is installed close to the flywheel, and the leather friction pulley on the motor drives the press. This method of installation of motors is preferred by some printers as it eliminates the leather belt. A simple pedal, placed near the feeder's foot, is attached to the control lever of the motor with a small rod. Adjusting the pedal in one direction causes the press to speed up, and adjusting pedal in opposite direction causes the press to slow down. It is not necessary to keep foot on pedal except when changing speeds. Write for circulars and quotations.

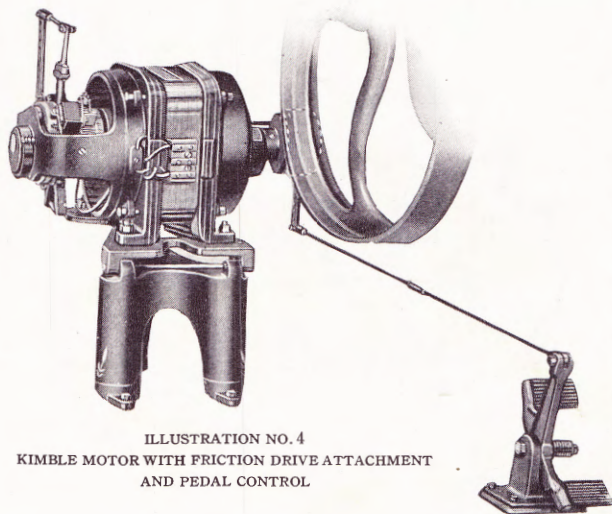
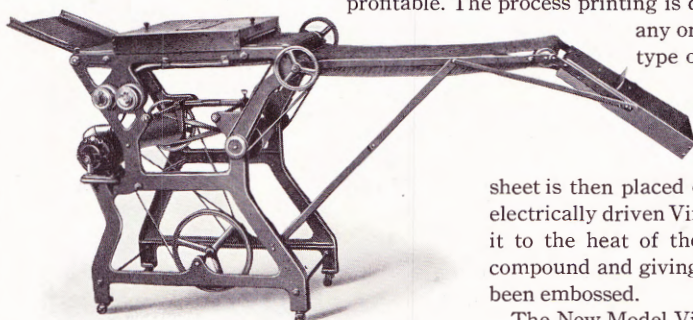


ILLUSTRATION NO. 4
KIMBLE MOTOR WITH FRICTION DRIVE ATTACHMENT
AND PEDAL CONTROL

NEW MODEL VIRKOTYPE MACHINE

FOR PRODUCING EMBOSSED EFFECTS DIRECT FROM TYPE WITHOUT DIES OR PLATES

The class of work produced by Virkotype Process Embossing Machines is a comparatively new departure in the printing business. The work commands good prices and consequently is profitable. The process printing is done in the same manner as



NEW MODEL VIRKOTYPE MACHINE

any ordinary job—direct from the type or cuts, but with a special pigment or ink. After printing, a powdered compound is distributed over the sheet while the ink is moist. The

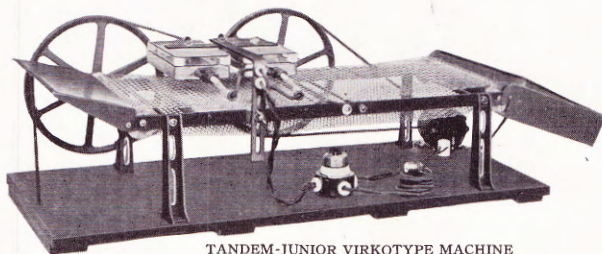
sheet is then placed on the endless carrier of the electrically driven Virkotype Machine, subjecting it to the heat of the oven, thereby baking the compound and giving it the appearance of having been embossed.

The New Model Virkotype Machine illustrated takes a sheet up to 12½ in. wide, any length.

TANDEM-JUNIOR VIRKOTYPE MACHINE

The Tandem-Junior is a model made especially to sell at a small price. It handles a great range of work and produces a big output. It carries two heaters connected side by side, doubling the usual heating area, both of which may be used when necessary for heavy work, such as cardboard and cover stocks. The Tandem-Junior is shipped complete with either alternating or direct current motor for 110 or 220 volts.

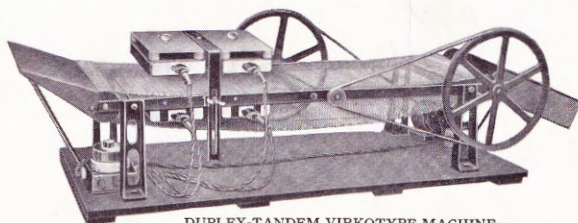
When making inquiry state the current, voltage and cycle of motors required in your plant.



TANDEM-JUNIOR VIRKOTYPE MACHINE

DUPLEX-TANDEM VIRKOTYPE MACHINE

Duplex-Tandem Virkotype Machine is belted for two speeds and is equipped with four electric heaters, two above and two below, as shown in the illustration. The heat may be applied from one or all four heaters, meeting any heat conditions necessary in printing, by simply inserting or withdrawing a connecting plug.



DUPLEX-TANDEM VIRKOTYPE MACHINE

The Duplex-Tandem Virkotype Machine is equipped with either alternating or direct current motors for 110 or 220 volts and must be operated from the power current.

DATA ON VIRKOTYPE PROCESS MACHINES

Machine	Length When Open	Height	Width	Length Closed	Weight	Shipping Weight	Motor Equipment
New Model	7 ft. 6 in.	3 ft. 3 in.	1 ft. 9 in.	3 ft.	225 lbs.	400 lbs.	Direct or Alternating
Tandem-Junior	3 ft. 6 in.	1 ft. 4 in.	1 ft. 6 in.	—	75 lbs.	175 lbs.	Direct or Alternating
Duplex-Tandem	4 ft.	1 ft. 4 in.	1 ft. 6 in.	—	85 lbs.	175 lbs.	Direct or Alternating

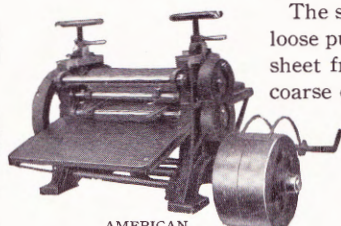
Send for circular giving prices and fully describing Virkotype Machines and the process, compound and inks

AMERICAN ROUGHING MACHINES

FOR PEBBLING PAPER STOCK AND FABRICS

The American Roughing Machine has been on the market for many years and is considered the standard machine for roughing or pebbling printed sheets. Many of them are in successful operation. They are simple, strong and efficient machines and should last an indefinite period.

The standard equipment includes one steel embossed roller, tight and loose pulley, belt shifter, feed and delivery tables, and clips for stripping sheet from roll. The steel rollers can be engraved to represent fine or coarse eggshell, skytogen and other patterns. The American Roughing



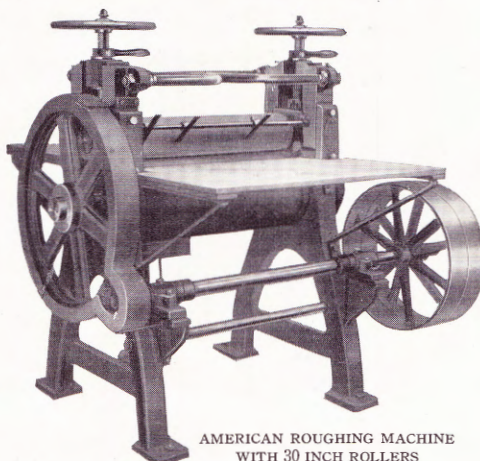
AMERICAN
BENCH ROUGHING MACHINE
WITH 15 INCH ROLLERS

Machine is made in four sizes, as follows: 15 inch and 20 inch sizes are bench machines; 24 inch and 30 inch sizes

are regular high frame or floor machines.

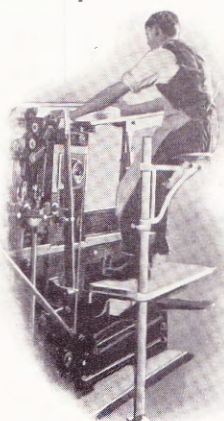
DETAILS OF THE AMERICAN ROUGHING MACHINES

Size of Machine	Dimensions Outside	Shipping Weight	Horsepower Recommended
15 inch	2x2½ feet	450 lbs.	1¼
20 inch	2½x3½ feet	625 lbs.	2
24 inch	4x4½ feet	1800 lbs.	2
30 inch	6x6 feet	3200 lbs.	3½



AMERICAN ROUGHING MACHINE
WITH 30 INCH ROLLERS

Send for descriptive
catalogue and prices



AMERICAN CYLINDER PRESS SEAT

AMERICAN CYLINDER PRESS SEAT

The American Cylinder Press Seat fits any cylinder press, entails no trouble to attach, and when in place is strong and secure. It fastens to the floor and to the feeder's platform. Can be adjusted in any direction, swings out of the way or may be taken off entirely. For pony cylinder presses without feeder's stand to attach it to, the American Press Seat is shipped with a heavy standard of correct height, which can be securely fastened to the floor at the proper distance from the press. This arrangement will be found very convenient. Write for prices.

ROUSE PRESS SEAT

FOR CYLINDER PRESSES

The Rouse Press Seat is simple, substantial and inexpensive. It is attached securely to the press by three bolts affixed to the feeder's platform. The seat swings freely on the end of a steel support which may be quickly adjusted. Write for circular and prices.

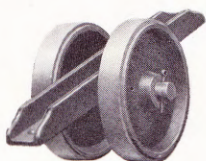


Simple
Substantial
Inexpensive

ROUSE
PRESS SEAT

IRON AND RUBBER TIRE FORM TRUCKS

FOR TRANSPORTING HEAVY FORMS

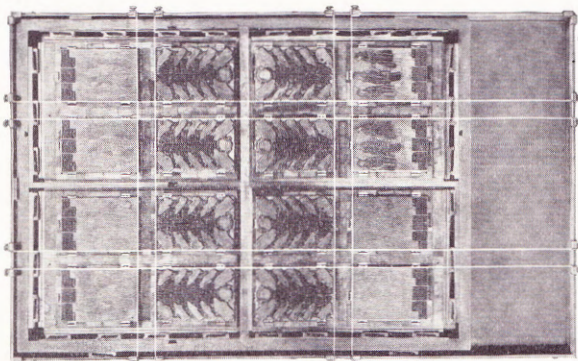


No. 1, with Iron Tires \$6.00
No. 2, with Rubber Tires 8.50

ROUSE LINING AND REGISTER SYSTEM

A PRACTICAL TIME-SAVING DEVICE

The Rouse Lining and Register System has proven to be a great time-saver in locking up forms for press. The system has been in use for a number of years and has been acclaimed thoroughly practical and one that will not antagonize the workmen in any shop. The device can be attached



ROUSE LINING AND REGISTER SYSTEM

to any iron imposing surface of sufficient size, and any good mechanic can install it with the aid of the instructions furnished.

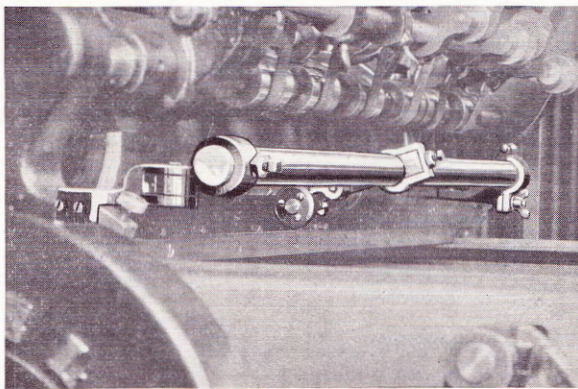
In operating the Rouse Lining and Register System, the stoneman makes up the form in the usual way, getting the margins and register as nearly perfect as possible. After this is done the lining system is brought into use and proves the correctness of his work and catches any error that may have been made before the form is sent to the pressroom. By using the Rouse Lining and Register

System a great deal of time in holding up presses can be saved, for with the system it is possible to lock up a large form so perfectly in register that it need not be disturbed by the stoneman after being put on press. Circular will be sent on request. Ask for quotations.

HOFF PERFORATOR, SLITTER AND SCORER

A COMBINATION ATTACHMENT FOR KELLY PRESSES

The Hoff Combination Slitter, Perforator and Scorer Attachment for Kelly Presses cuts, perforates and scores the stock absolutely straight and accurate while the sheet is being printed. Where such work is to be done great economies are secured by the use of this ingenious and reliable invention. Perforating, slitting and scoring are done with steel discs. The cutting edge of a steel disc runs against edge of a narrow steel band, which is placed around the cylinder and held securely by an ingenious device. The edge of the disc and the edge of the band being in contact gives a clean shearing cut. It operates successfully on a wide range of stock, covering all grades from onion skin to cardboard. The Hoff Perforator, Slitter and Scorer Attachment does not interfere in any way with the make-ready of the press, and the top sheet of the tympan can be changed at any time. It has also been found a great help for the bindery in obtaining accurate folding. Write for information and prices.



HOFF PERFORATOR, SLITTER AND SCORER

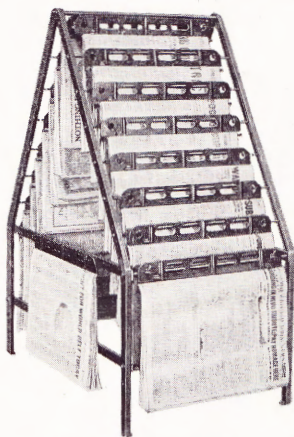
HART'S COMBINATION PAPER JOGGER

Sizes: 24x36, 25x38, 28x42, 32x44, 36x48, 38x50, 42x56, 44x64 inches. Ask for quotations.

ROUSE NEWSPAPER RACKS AND HOLDERS

CONVENIENT FOR THE EDITORIAL ROOM

Rouse Handy Newspaper Files and Racks are substantially built of steel and finished in olive green. The files or holders are large enough to accommodate any newspaper, and the racks are made in three sizes, as follows: No. 1 holds six files; No. 2 holds eight files; and No. 3 is a double rack and holds 18 files. A device may also be had for punching holes in newspapers for the binding pins in the files, as well as a hook for hanging an individual file near a desk.



ROUSE NEWSPAPER RACK

Every newspaper office, public library and reading room should be equipped with one or more of the Rouse Handy Files and Racks. They are exceedingly convenient and invariably add tone to the appearance of the room in which they are installed. Ask for prices.



ROUSE NEWSPAPER HOLDER

SUPERIOR NEWSPAPER FILE

MADE IN TWO SIZES: 30 INCH AND 32 INCH

The Superior Newspaper File is made of steel. It is light, simple, and with ordinary use is indestructible. It is as quickly worked as picking up a pencil. Simply lift up the top strip, file your paper and replace upper clamp, which automatically locks itself. No screws or hinges. The Superior File is recommended as the most practical and durable of its kind.



SUPERIOR NEWSPAPER FILE

SUPERIOR NEWSPAPER BINDER

FOR DAILY AND WEEKLY NEWSPAPERS AND LIBRARY READING ROOMS

This binder is well made of heavy board covered with slate colored duck. Posts are $3\frac{1}{2}$ inches long, and hold 135 eight-page papers. The metal binding strips vary in length according to sizes required. They are $\frac{5}{16}$ inch wide with two projecting points in which are holes to fit the binder posts. When the binder is filled, the springs on outside of cover fit into notches in top of post, making a permanently bound volume. With each Superior Binder are included 30 metal strips.

NUMBERS OF SUPERIOR BINDERS AND MAXIMUM SIZE OF NEWSPAPER PAGE

No. 1.....16x11 inches	No. 4..... $22\frac{1}{2}$ x17 $\frac{1}{2}$ inches	No. 6.....24x19 inches
No. 2.....20x13 inches	No. 5.....24x17 $\frac{1}{2}$ inches	No. 7..... $25\frac{1}{2}$ x19 inches
No. 3..... $22\frac{1}{2}$ x15 $\frac{1}{2}$ inches		

Additional strips are packed in boxes of 30 each

HAMILTON NEWSPAPER FILE



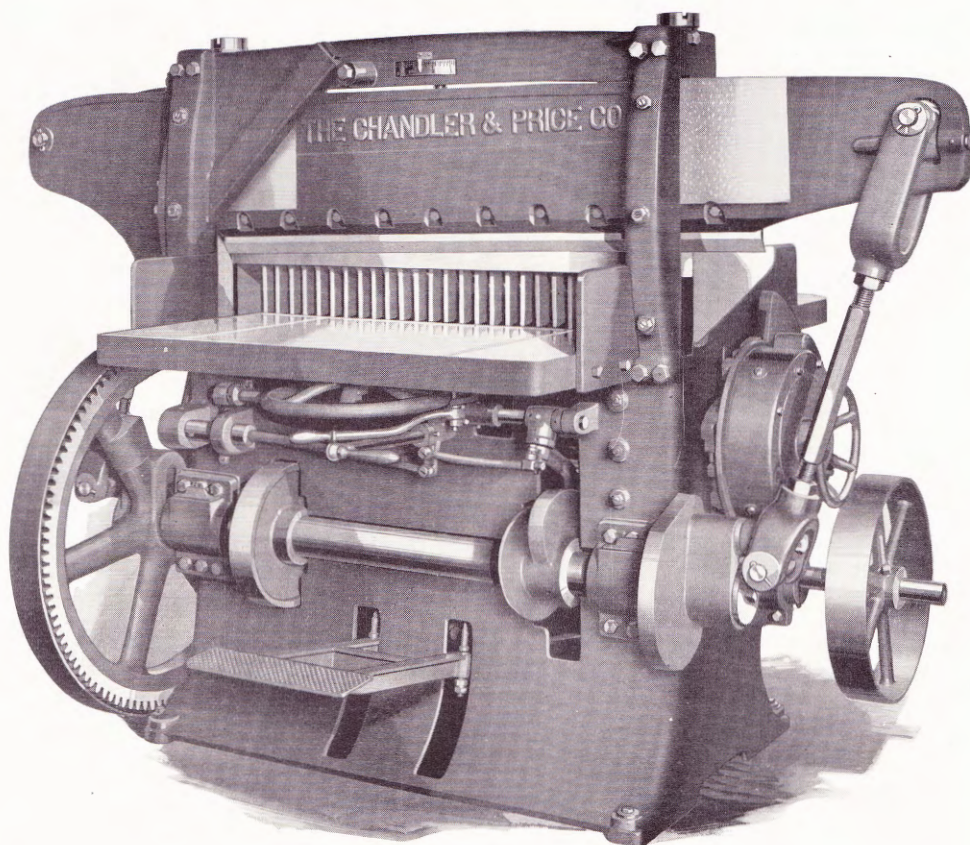
HAMILTON NEWSPAPER FILE—CLOSED

The Hamilton Newspaper File is strong and efficient, and simple in operation. Made of oak, with brass fastenings, in sizes for 4, 5, 6, 7, 8 and 9 column papers. Quotations upon request.

CHANDLER & PRICE AUTOMATIC PAPER CUTTER

MADE IN THREE SIZES: 40, 44 AND 50 INCH

The Chandler & Price Company have manufactured diversified machinery for printers for more than a quarter of a century and their long experience in the business has taught them exactly what the trade requires. It was the Chandler & Price Company that standardized the Gordon press and made it a machine that can be depended upon for excellent service and one that is simple enough in its construction to enable it to be successfully operated by the most



FRONT VIEW OF THE CHANDLER & PRICE AUTOMATIC CLAMP POWER PAPER CUTTER

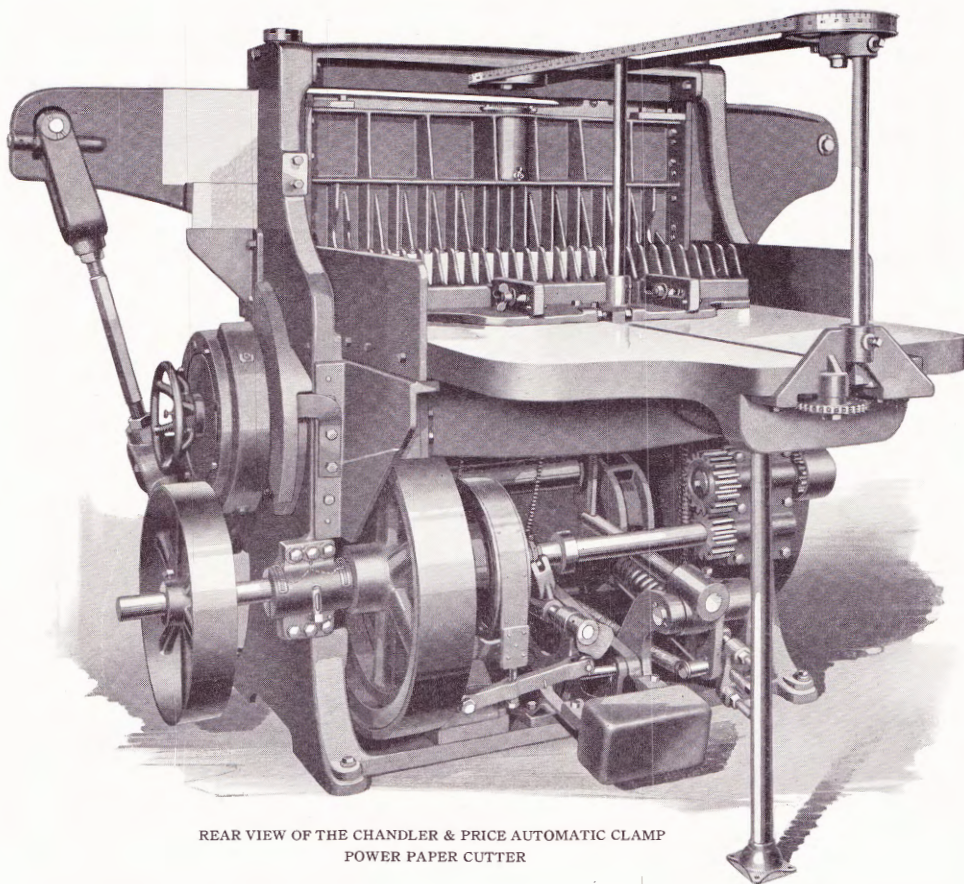
inexperienced hands. What was done with the Gordon press has been done with the paper cutter. A standardized automatic clamp power paper cutter, answering every requirement of the printer and bookbinder, that can be marketed at a fair price, is the object of the manufacturers. No frills or unnecessary parts have been added to the Chandler & Price Automatic Clamp Power Paper Cutter to make it unnecessarily expensive to manufacture; on the contrary, the aim of the manufacturers was to design the cutter with the same regard for simplicity and exactness as was the case with the famous Chandler & Price press.

Chandler & Price Automatic Clamp Power Paper Cutters are built to give the most service per dollar expended of any machine the printer can purchase. Their construction is sturdy and as simple as an automatic cutter can be. Ample metal has been used to prevent springing of knife bar or bed, assuring accurate cutting and continuous service. The base of the cutter is made in one piece, giving support directly under the knife and binder, and adding rigidity to the whole machine. A brief description of this new paper cutter appears on the following page.

CHANDLER & PRICE AUTOMATIC PAPER CUTTER

MADE IN THREE SIZES: 40, 44 AND 50 INCH

The Chandler & Price Automatic Paper Cutter clamp can be brought down against the pack by means of the foot treadle, showing exactly where the knife will cut. The automatic clamp is independent of the knife. The pressure of the clamp is automatically released after the stock is cut, so that no power is absorbed by the clamp upon the upstroke. A double shearing cut with the pull in line of the knife-bar travel eliminates any chance of chatter. Extra heavy shafts with



REAR VIEW OF THE CHANDLER & PRICE AUTOMATIC CLAMP
POWER PAPER CUTTER

extra wide bearings are used. A high-speed flywheel and back gears assure ample power for heaviest cuts. The flywheel and clutch are hung under the bed between two bearings. The cutting table is deeply ribbed to give rigidity and to prevent warping.

The Chandler & Price Automatic Cutters are equipped with accurate band gauge, interlocking clamp with removable flat plate for use upon fine work to prevent clamp fingers indenting stock, three-part back gauge, motor bracket, and two knives. The back gauge is governed by a chain and sprocket; actuated by the large handwheel under the bed, its action is rapid. The starting lever is within easy reach of the operator. Two movements are required to operate it. This prevents accidental starting of the machine. An automatic stop does away with the possibility of repeating. The oiling system has been carefully worked out, and especial thought was given to making it accessible. Ring oilers are used upon the back shaft.

*Send for pamphlet fully describing and illustrating the Chandler & Price Automatic Clamp Power Paper Cutter
Quotations will be sent upon request*

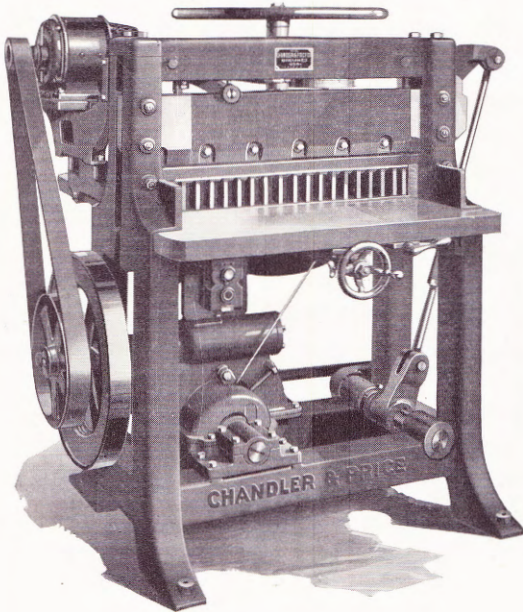
CHANDLER & PRICE POWER PAPER CUTTER

MADE IN THREE SIZES: 30, 32 AND 34 INCH

The Chandler & Price Power Paper Cutter is an up-to-date machine, simple in construction, and all parts are interchangeable wherever possible. Every good feature enters into its construction. It is a safe machine to operate, as a controller knob must first be pulled forward and then

given a quarter turn before the clutch engages with the gear and the knife descends. It never repeats. The speed is twenty cuts per minute, each cut as straight as a die. The power mechanism consists of a worm and gear drive, and power may be furnished by either belt or electric motor. The worm drives the gear wheel, so that a great amount of power is always back of the knife. The worm wheel runs in oil, thus making the cutter noiseless, easy running and well lubricated. The knife bar is fitted to three inch housings. An extra large handwheel makes it easy to clamp. The clamp fingers have a broad surface which avoids creasing stock. All gauges are accurately squared with the knife. Back gauge extends within one inch of the side gauge. The table is amply large. The knife is made of fine steel and is readily adjustable. Extra knives may be obtained at reasonable prices.

Price of the Chandler & Price Power Paper Cutter equipped with motor, motor bracket, controller, belt, etc., or equipped for belt drive only, will be furnished upon request.



CHANDLER & PRICE POWER PAPER CUTTER

DATA ON CHANDLER & PRICE POWER PAPER CUTTERS

Size of Cutter	Width of Cutting Table	Floor Space		Horsepower Recommended	Shipping Weight
		Width	Depth		
30 in.	30½ in.	58 in.	61 in.	2	1860 lbs.
32 in.	32½ in.	60 in.	63 in.	2	1960 lbs.
34 in.	34½ in.	62 in.	65 in.	2	2096 lbs.

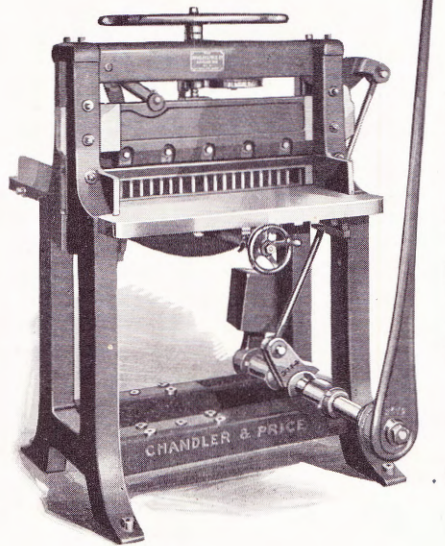
Equipped with Traveling Band Gauges and Two-Piece Back Gauges. Three-Piece Back Gauge furnished when desired.

C. & P. LEVER PAPER CUTTER

MADE IN 23, 26, 30 AND 32 INCH SIZES

Like the power cutters, the Chandler & Price Lever Paper Cutters are up-to-the-minute machines. Where paper cutting is such that it can be done by hand these cutters will be found ideally suited for the task. The 30 inch and 32 inch machines are equipped with traveling hand gauges, and are so constructed that they may be readily converted into power cutters for either belt drive or motor equipment. The 23 inch and 26 inch machines are intended only for hand cutting.

Shipping weights of the C. & P. Lever Cutters are as follows: 23 inch, 918 pounds; 26 inch, 1003 pounds; 30 inch, 1551 pounds; 32 inch, 1650 pounds.



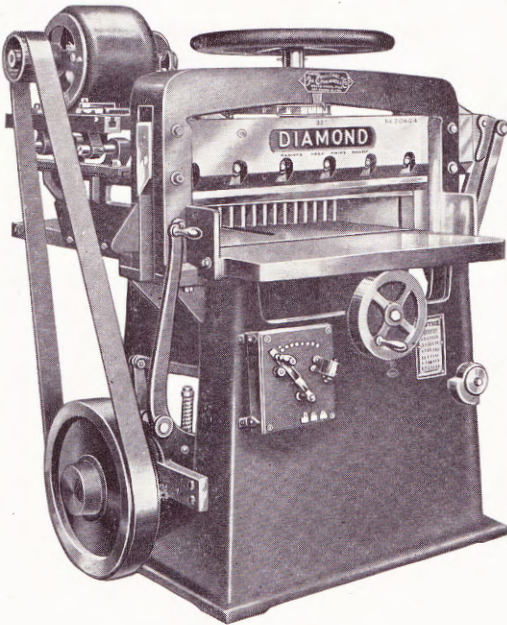
CHANDLER & PRICE LEVER PAPER CUTTER

Send for literature fully describing Chandler & Price Paper Cutters. Ask for quotations

DIAMOND POWER PAPER CUTTER

MADE IN 30, 32 AND 34 INCH SIZES

Diamond Power Cutters are strongly built to produce the maximum amount of cutting and trimming with the minimum effort at a minimum cost. Diamond Cutters are built of the very best materials, insuring long life and indestructible value. Hundreds of these machines are now being successfully operated in some of the best printing offices.



DIAMOND POWER PAPER CUTTER

Among the outstanding features are the following: Rapid, powerful clamp; massive one-piece base and powerful worm gear drive; knife-bar has three adjusting screws for each gib; knife has the double shear or dip-cut down to the last sheet, and can be stopped instantly at any point of cutting stroke, a safety factor that also saves stock in case of error; economical half-inch cutting sticks with holes for easy removal; automatic throw-off brake—cannot repeat; extra heavy center support under bed; scale in bed graduated to sixteenths of an inch; endless steel tape scale; triple split back gauge and easy to adjust; four auxiliary iron feet for raising cutter three inches, if desired, furnished with each cutter, their use being optional; Hyatt roller bearings in fly-wheel, and many other features that limited space will not permit describing.

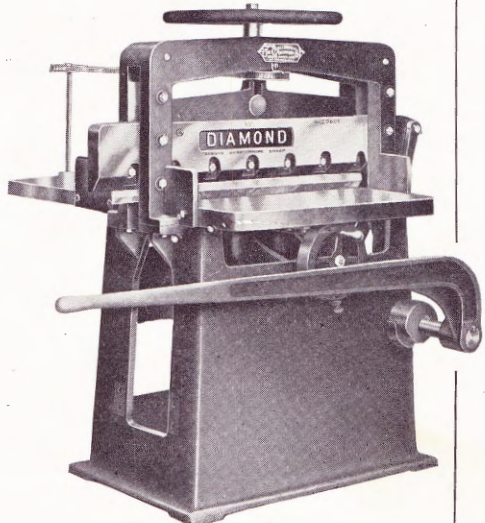
Price of the Diamond Power Paper Cutter, complete with motor, motor bracket, controller, belt and guard, will be furnished on request.

When writing give full particulars regarding electric current requirements.

DIAMOND LEVER CUTTER

MADE IN 30, 32 AND 34 INCH SIZES

The Diamond Lever Cutter is built on the same size and style frame as the Diamond Power Cutter. If your business does not warrant a power paper cutter, begin with the Diamond Lever Cutter and later order the necessary Diamond power fixtures, which you can easily attach yourself. This preserves all your original investment.



DIAMOND LEVER PAPER CUTTER

SPECIAL DATA ON DIAMOND PAPER CUTTERS

DIAMOND POWER PAPER CUTTERS

Size	Will Cut Paper	Easily Squares Full Width of Machine	Gauges Down to	Net Weight Without Motor Equipment
30 inch	30½ inches	30 inches	¾ inch	1850 pounds
32 inch	32½ inches	32 inches	¾ inch	1950 pounds
34 inch	34½ inches	34 inches	¾ inch	2050 pounds

DIAMOND LEVER PAPER CUTTERS

Size	Will Cut Paper	Easily Squares Full Width of Machine	Gauges Down to	Net Weight Without Motor Equipment
30 inch	30½ inches	30 inches	¾ inch	1385 pounds
32 inch	32½ inches	32 inches	¾ inch	1485 pounds
34 inch	34½ inches	34 inches	¾ inch	1950 pounds

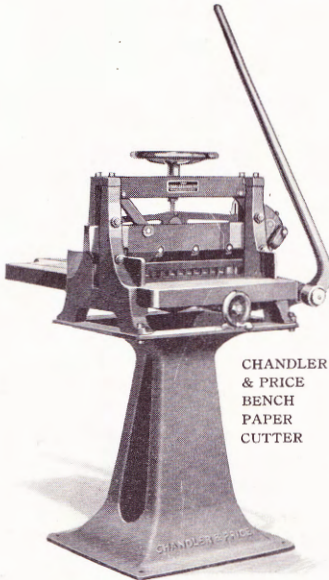
Write for prices and illustrated literature on Diamond Cutters

CHANDLER & PRICE BENCH PAPER CUTTER

MADE IN ONE SIZE ONLY: 19 INCH

The Chandler & Price Bench Paper Cutter possesses the four essential features of a small cutter—ease of operation, accuracy, speed and safety. It is equally as efficient as the larger and more costly machines. It will accommodate a sheet 19 inches wide by 24 inches long back of the knife. The knife itself raises $2\frac{3}{4}$ inches. The extra long lever and the perfect knife action provide a maximum of power without undue strain on the machine. The Chandler & Price Bench Cutter may be purchased either with or without the pedestal.

Shipping weight: with pedestal, 530 pounds; without pedestal, 340 pounds. Ask for quotations.



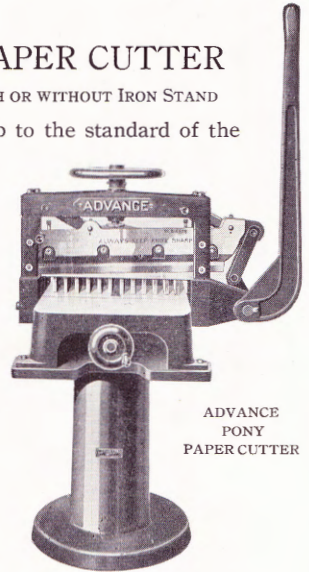
CHANDLER
& PRICE
BENCH
PAPER
CUTTER

ADVANCE PONY PAPER CUTTER

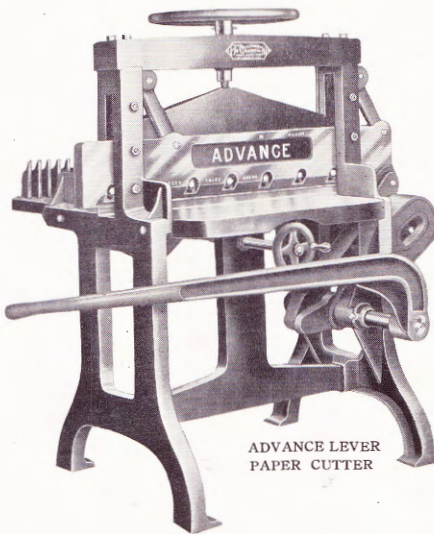
MADE IN 16 AND 19 INCH SIZES, WITH OR WITHOUT IRON STAND

This cutter is in every way up to the standard of the Advance Lever Cutters, and is valuable alike to small or large shops, even those equipped with larger lever and power cutters. This cutter has practically all the desirable features of the larger sizes. A safety device is provided to prevent the knife from descending prematurely, making the Advance Pony a safe machine.

A circular describing the Advance Pony Paper Cutter will be sent upon request. Ask for quotations.



ADVANCE
PONY
PAPER CUTTER



ADVANCE LEVER
PAPER CUTTER

ADVANCE LEVER CUTTER

MADE IN FOUR SIZES: $23\frac{1}{4}$, $26\frac{1}{4}$, 30 AND 33 INCH

The Advance Lever Cutter is built for durability—for continued accuracy. Every strain and deteriorating influence has been anticipated and conquered. Every labor-saving point of quick action and rapid adjustment has been provided.

Massive knife bar; lever counterbalance; powerful compound leverage; interlocking clamp; large clamp wheel; adjustable gibs; heavy center support; side gauges both sides.

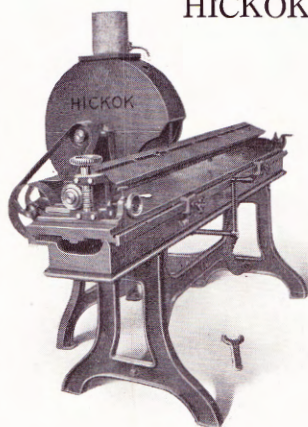
SPECIAL DATA ON ADVANCE PAPER CUTTERS

Specifications	16 Inch	16 Inch on Stand	19 Inch	19 Inch on Stand	$23\frac{1}{4}$ Inch	$26\frac{1}{4}$ Inch	30 Inch	33 Inch
Will cut paper.....	$16\frac{1}{4}$ in.	$16\frac{1}{4}$ in.	$19\frac{1}{4}$ in.	$19\frac{1}{4}$ in.	$23\frac{1}{2}$ in.	$26\frac{1}{2}$ in.	$30\frac{1}{4}$ in.	$33\frac{1}{4}$ in.
Squares full width of machine	16 in.	16 in.	19 in.	19 in.	$23\frac{1}{4}$ in.	$26\frac{1}{4}$ in.	30 in.	33 in.
Gauges down to.....	$\frac{1}{2}$ in.	$\frac{1}{2}$ in.	$\frac{1}{2}$ in.	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	$\frac{3}{4}$ in.	$\frac{3}{4}$ in.	$\frac{3}{4}$ in.
Net weight.....	280 lbs.	390 lbs.	360 lbs.	485 lbs.	850 lbs.	1000 lbs.	1360 lbs.	1430 lbs.

Send for descriptive circular giving complete details. Prices will be quoted upon application

HICKOK AUTOMATIC KNIFE GRINDER

FOR SHARPENING PAPER CUTTER KNIVES



HICKOK AUTOMATIC KNIFE GRINDER

The Hickok Automatic Knife Grinder is simple in construction, being devoid of many parts susceptible to wear and liable to get out of order. Frame is of iron and steel, strongly braced and accurately fitted. The reversing mechanism is thoroughly automatic and positive in short or long stroke. The knife grinder is drawn to position by a handwheel and set to a bevel by a worm gear.

The emery wheel used on Hickok Automatic Knife Grinder is of the best make, the grade of emery used being especially adapted to the work. The wheel is kept wet by water dripped from a can on the top of the hood. The application of water minimizes the possibility of the temper being drawn from the knife. The emery wheel is 22 inches in diameter and has a 1½ inch face.

Hickok Automatic Knife Grinder is made in two sizes: No. 2, will grind 48 inches or less; No. 4, will grind 60 inches or less.

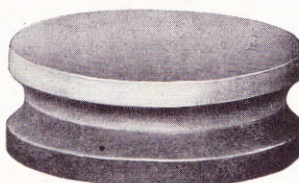
Send for circular giving complete description and prices of the machine

CARBORUNDUM KNIFE STONE

FOR PAPER CUTTER KNIVES

The Carborundum Knife Stone is 4 inches in diameter and 1½ inches in thickness—a convenient size and shape to be used on paper cutter knives. One side is coarse grit for rough work, and one side fine grit for finishing.

Carborundum Knife Stone, price each\$3.00



CARBORUNDUM KNIFE STONE

PAPER CUTTER KNIVES

WE HANDLE ONLY THE BEST MAKES

Paper Cutter Knives for any of the standard makes of paper cutters can be furnished on short notice. As the prices and sizes of the different makes vary considerably, we do not list them, but will quote promptly on any make and size you may require.



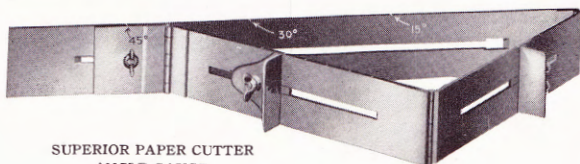
PAPER CUTTER KNIFE

Ask for quotations on paper cutter knives when you are in the market

SUPERIOR PAPER CUTTER ANGLE GAUGE

CUTS A TRIANGLE, DIAMOND, HEXAGON, OCTAGON, KEYSTONE, ETC.

The Superior Paper Cutter Angle Gauge fits any paper cutter 24 inch size or larger. Is adjustable for making a cut at any desired angle. Gauge is 24 inches wide, 3 inches high, and does not interfere with the paper cutter clamp. Gauge is easily adjusted and set firmly with thumbscrews. Has inch scale on front parts and 15, 30 and 45 degree angles stamped on back. Substantially made of heavy steel, dull nickel plated finish. Send for complete description and prices.



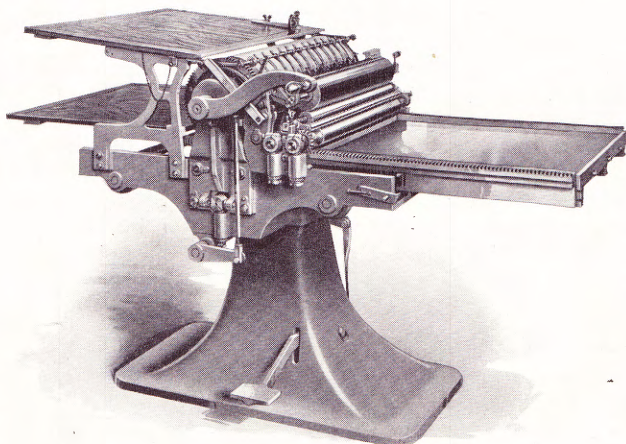
SUPERIOR PAPER CUTTER
ANGLE GAUGE

THE POTTER PROOF PRESSES

STAND FOR EFFICIENCY IN THE COMPOSING ROOM

The line of Potter Proof Presses is well and favorably known wherever such machines are used. They take better proofs in less time, which means a saving of time and labor. Potter Proof Presses are well built. They are stiff and unyielding under impression and easy to operate.

Potter Proof Presses are simple, safe, trouble-free, adapted to all kinds of work, and they never wear out.



NO. 3 POTTER PROOF PRESS EQUIPPED WITH STYLE A INKING DEVICE AND FEED BOARD

NO. 3 POTTER PROOF PRESS

SIZE OF BED, 25x25 INCHES

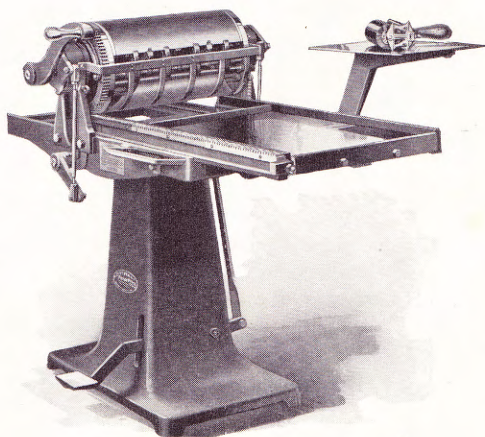
The No. 3 Potter Proof Press equipped with an automatic inking device and feed board is the most complete proof press ever offered printers. This new model recognizes and anticipates every demand for efficiency in modern printing office methods and will contribute more effectiveness to the whole matter of proofs than has heretofore been thought possible

or even necessary. The outstanding features of this model are: Capacity to handle any form within the bed size of 25x25 inches; easy operation, as the bed rides entirely on rollers, the large impression roller turning on roller bearings and the cylinder on ball bearings, both packed in grease. Friction is thereby reduced to the minimum and, in spite of its size and weight, this press works easier than most other proof presses of even smaller size. The impression is rigid and accurate, and good register is assured because of the elimination of lost motion and side movement. The automatic inking device is a complete new device, made in two styles, one with drum-feed roller for quantity proofing and one without for intermittent proofing. The presence of inking device does not in any way interfere with the use of the machine when hand rolling.

NO. 2 POTTER PROOF PRESS

THE STANDARD PROOFING EQUIPMENT

The cylinder of the No. 2 Potter Proof Press is geared to a reciprocating bed and gives the true cylinder impression. Proof paper may be fed around the cylinder or laid directly on form. Has feed guides and grippers and a foot trip that prevents offset on return stroke. Ball bearings on cylinder shaft assure easy operation. The No. 2 Potter Proof Press is primarily a hand-inking machine and thousands of them are in daily use in the best printing offices of the country. However, they can be furnished with an automatic inking device when required. Size of bed: printing capacity, 17x25 inches; maximum size of bed, 17¼x26 inches.



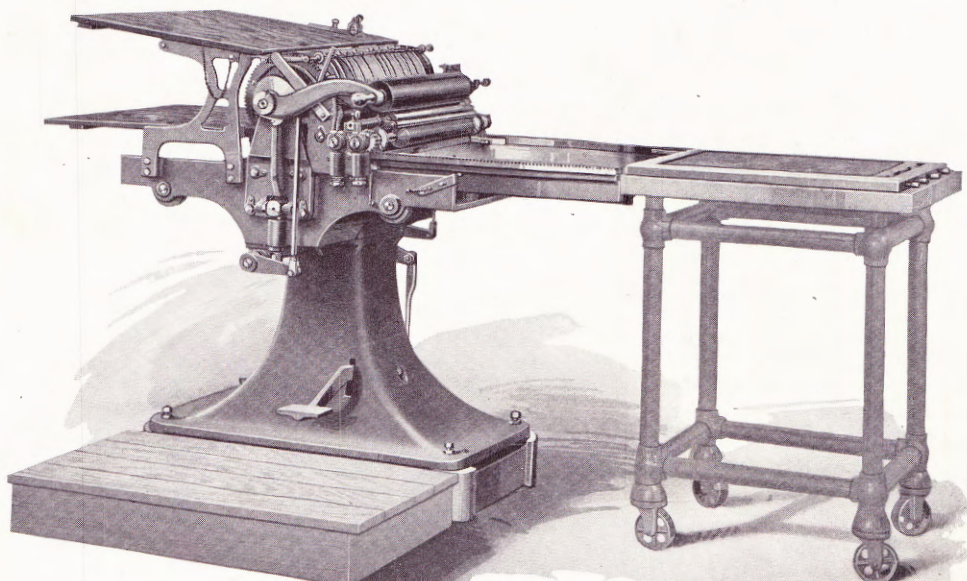
NO. 2 POTTER PROOF PRESS

Send for circular illustrating and describing the complete line of Potter Proof Presses and Inking Devices

NO 3 POTTER PROOF PRESS FOR NEWSPAPERS

FOR PROOFING FULL-PAGE ADVERTISEMENTS

The increasing demand of large newspaper advertisers for clean proofs of full-page advertisements emphasizes the need of facilities in composing rooms of newspaper plants for taking such proofs well and quickly. To meet this situation the No. 3 Potter Proof Press has a specially designed equipment for handling full pages locked up in stereotyping chases, with a special

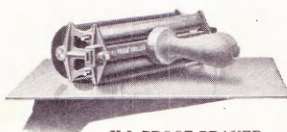


NO. 3 POTTER PROOF PRESS FOR NEWSPAPERS

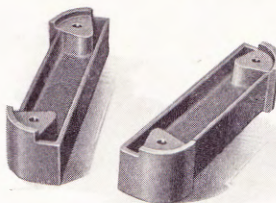
equipment which automatically avoids the inking and printing of chase, side stick and foot stick. These several devices are embraced in the designation "*special inker*." They do not interfere with the use of the press on smaller forms, as the operator proceeds in the usual manner on all his work.

Owing to the wide variation in chases and lock-up in newspaper composing rooms it is necessary to make certain mechanical changes before the press leaves the factory, consequently information is essential regarding the outside dimensions of the chase, and a page stereotype matrix should be furnished

before prices can be quoted. We can assure you that the No. 3 Potter Proof Press with the special inker for newspaper composing rooms is the machine you have long looked for. Write for circular describing the equipment and ask for quotations.



X-L PROOF BRAYER



ELEVATING BLOCKS

POTTER PROOF PRESS INKING DEVICES

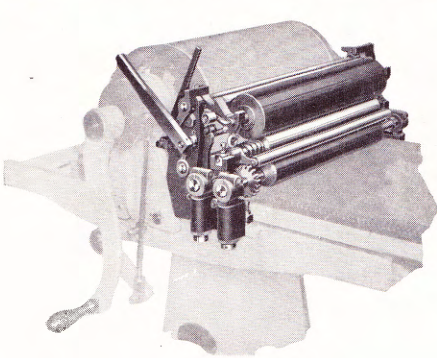
FOR NO. 2 AND NO. 3 POTTER PROOF PRESSES

These automatic inking devices are new in design and complete with every improvement.

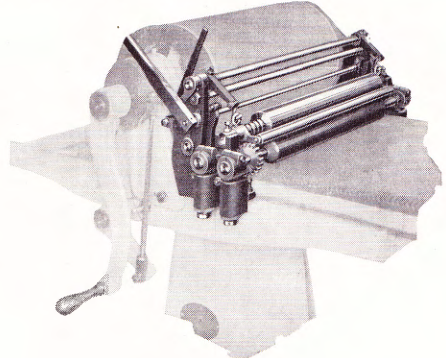
Style A Automatic Inking Device (see illustrations) carries a large supply of ink (which is equivalent to a fountain but much easier to clean) and is recommended when continuous proofing is to be done. The drum-feed comes in contact with the vibrator once each stroke of bed, with a fresh supply of ink. It is adjustable for long or short contact, according to amount of ink required and

POTTER PROOF PRESS INKING DEVICES—Continued

ink is laid directly on the drum-feed roller and distributed thereon by means of a small crank and idler. Style A Inking Device has two form rollers $2\frac{1}{4}$ inches in diameter, one steel vibrator, three idlers or distributors and one drum-feed roller $3\frac{1}{2}$ inches in diameter.



STYLE A INKING DEVICE



STYLE B INKING DEVICE

Style B Automatic Inking Device is the same as Style A except that it lacks the drum-feed roller and, therefore, does not carry as large a supply of ink. It is recommended for general composing room use or for intermittent proofing. It has two form rollers $2\frac{1}{4}$ inches in diameter, one steel vibrator and two idlers. Each equipment includes two sets of roller cores without roller composition. Both styles of inking devices have trips and can be elevated out of the way, besides having trips to separate all rollers to prevent flattening when press is not in use.

No. 1 POTTER PROOF PRESS

A HAND ROLLED MACHINE



No. 1
POTTER PROOF PRESS
SIZE OF BED,
12x25 INCHES

The No. 1 Potter Proof Press is a high class machine especially adapted for the medium sized composing room not absolutely requiring an automatic inking device. Many hundreds of them are in use to-day, giving wonderful satisfaction, saving their owners money, and making it possible to submit entirely satisfactory proofs. The cylinder of the No. 1 Potter Proof Press is fitted with grippers, steel rods to hold the draw sheets, and provided with trip to throw the cylinder off the impression. As in all other models, the bed travels back and forth under the cylinder and has a continuous register rack engaged with the cylinder gear. The No. 1 Potter Proof Press is supplied with ink plate, brayer and galley plate.

INFORMATION REGARDING POTTER PROOF PRESSES

Number of Machine	Maximum Bed Size Inches	Printing Capacity Inches	Floor Space Bed Centered Inches	Floor Space, Bed Extended Both Sides, Inches	Shipping Weight (Domestic) Lbs.	Net Weight Lbs.
No. 3 Potter....	25x25	25x25	44x44	78x44	1750	1450
No. 2 Potter....	17 $\frac{1}{4}$ x26	17x25	34x42	34x76	1000	800
No. 1 Potter....	12 $\frac{7}{8}$ x26	12x25	28x42	28x76	800	600

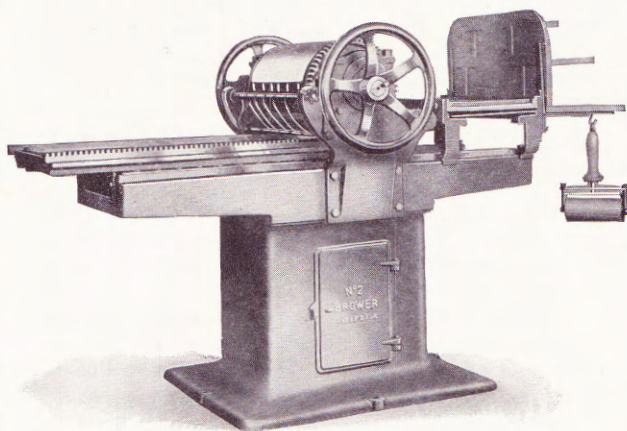
The regular equipment of all Potter Proof Presses includes ink plate, galley plate, cylinder packing, wrenches, and X-L Proof Roller (not cast). Cylinders are equipped with rubber blanket and draw sheets ready for use.

Write for circular giving full information regarding Potter Proof Presses, Inking Devices, Feed Board Attachments, etc., and ask for quotations

BROWER BALL-BEARING PROOF PRESSES

THE HEAVY DUTY MACHINES

A new feature in proof presses is the introduction of large ball bearings under the bed. Never before had this been done until Brower Ball-Bearing Proof Presses were placed on the market. The introduction of this innovation in proof press construction makes it possible for one man



NO. 2 BROWER BALL-BEARING PROOF PRESS

to operate the Brower Press with ease, regardless of the size of the form to be proofed. Many other exclusive features are claimed by the Brower, among them being: Direct cylinder impression adjustment, automatic trip by cam movement, receding front and side guides, handwheels instead of crank, workable from both sides, grippers operated by hand or automatically, ink plate the width of the press, ink cabinet in base with door on each side, cylinder brackets gripping the top and bottom of bed frame for rigidity, and requisite weight in the press to do the heaviest work without strain. The No. 2 Brower Proof

Press is fitted with feed guides and grippers on a heavy cylinder and will register to a hair line. It is as finely and accurately built as the most costly two-revolution cylinder press.

NO. 0 BROWER BALL-BEARING PROOF PRESS

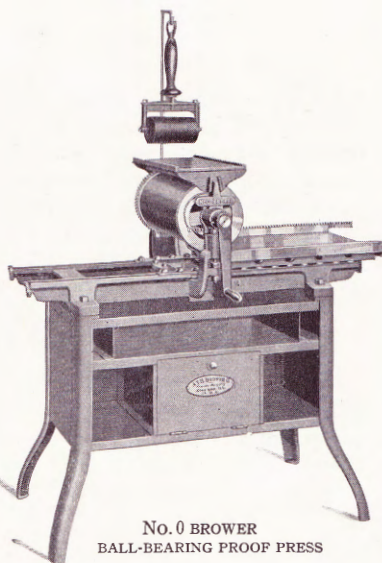
SIZE OF BED, 14X20 INCHES

The No. 0 Brower Ball-Bearing Proof Press combines the most effective mechanism with the best of material and workmanship. The cylinder is fitted with reel-rod, ratchet and pawl, making it easy to put on a new tympan. One revolution of the cylinder completes the operation of taking a proof. Form may be put on the bed of press at either end. A metal cabinet is provided under the bed with compartments for proof paper, ink, benzine, rags, etc.

NO. 1 BROWER BALL-BEARING PROOF PRESS

SIZE OF BED, 14X26 INCHES

The No. 1 Brower Ball-Bearing Proof Press is exactly the same machine as the No. 0, excepting that the bed is six inches longer.



NO. 0 BROWER
BALL-BEARING PROOF PRESS

INFORMATION REGARDING BROWER BALL-BEARING PROOF PRESSES

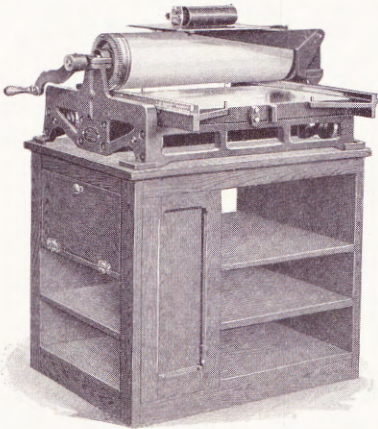
Size of Press	Size of Bed Between Bearers, Inches	Floor Space, Inches	Floor Space Over All Inches	Net Weight, Lbs.	Shipping Weight Lbs.
No. 2 Brower.....	17x26	35x74	35x86	1200	1500
No. 1 Brower.....	14x26	21x34	26x53	385	490
No. 0 Brower.....	14x20	21x38	26x47	325	425

Write for quotations and a circular fully describing Brower Proof Presses

POCO PROOF PRESSES

THE MODERATE PRICED MACHINES

Poco Proof Presses are extremely simple in construction and easily operated. A remarkably good proof can be taken on them, whether it be a form of type, electrotype plates, halftone cuts, machine slugs, or any other machine composition. The Poco Proof Presses are especially recommended for the small newspaper and job composing room not requiring the more expensive machines. They are also a great convenience in large composing rooms when used as auxiliary proof presses.



No. 2 POCO PROOF PRESS WITH STAND
(No. 1 IS SAME DESIGN WITH SHORTER BED)

NOS 1 AND 2 POCO PROOF PRESSES

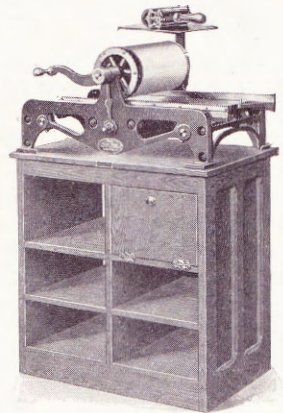
WITH THE CORRECT CYLINDER IMPRESSION

The Nos. 1 and 2 Poco Proof Presses are particularly strong and heavy under the impression. A proof can be taken from either side of these machines, as the paper is laid directly on the form. The cylinder impression is the correct principle for machine slugs and machine-set type, as the impression runs in the same direction as the type lines and obviates all tendency to wrinkle the proof. Ball bearings on cylinder shafts have been provided and shock absorbers are installed at the ends of strokes to insure easy-running and quiet machines. The No. 1 Poco is exactly like the No. 2, except that the bed is five inches shorter. Send for descriptive circular and prices.

No. 0 POCO PROOF PRESS

A RELIABLE PROOF PRESS

The No. 0 Poco Proof Press is large enough for 12x18 galleys. It takes a good proof and as a means of lowering costs and improving service its reputation is established. For the printer who wants only a small reliable proofing machine at a very modest outlay of money, the Poco No. 0 is just the thing. The stand for it is made and furnished the same as for other Poco proof presses, and while not absolutely essential, it is very desirable and convenient. All Poco Proof Presses are provided with means for adjusting the impression. Send for descriptive circular and prices.



No. 0 POCO PROOF PRESS
WITH STAND

STANDS FOR POCO PROOF PRESSES

A USEFUL PIECE OF FURNITURE

The stands for Poco Proof Presses are made to conform in color and quality with standard printers' wood furniture. The compartment with metal door is metal lined and is used for storing ink, benzine, rags, etc. The shelves accommodate different sizes of proof paper. Send for descriptive circular and prices.

INFORMATION REGARDING POCO PROOF PRESSES

Size of Press	Size of Bed Inches	Size Between Bearers Inches	Weight, Lbs.	Weight Crated Lbs.	Floor Space Press and Stand Inches
No. 0 Poco.....	12x18	12 $\frac{7}{8}$	210	275	21x32
No. 1 Poco.....	13x25	25	355	475	28x35
No. 2 Poco.....	18x25	25	405	525	28x35

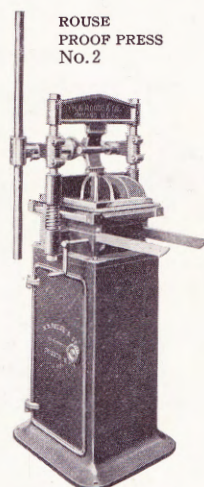
Poco Stands: No. 0, weight crated 130 pounds, net 80 pounds; No. 1 and No. 2, weight crated 185 pounds, net 100 pounds. All Poco Presses are equipped with cylinder packing, ink plate, galley plate and proof roller (not cast).

ROUSE PROOF PRESS No. 2

FOR PROOFING HALFTONE CUTS

The Rouse Proof Press No. 2 is designed on entirely original lines and embodies principles that are a distinct advance in mechanical construction and operation. An abundance of power is supplied by a remarkably efficient and simple combination of lever eccentric and toggle, which multiplies the power immensely just as the impression is being taken. The path of the lever, which can be lengthened or shortened, is in a vertical plane, permitting the operator to put sufficient weight on it to get satisfactory results. For proofing halftones for overlays the Rouse Proof Press No. 2 is in a class by itself. Fine-screened plates the full size of the platen can be proofed with comparative ease. An adjustable, rigid support for the center of the bed prevents any spring and also obviates any extra make-ready. The bed is moved in and out by means of a rack and gear, and an automatic locking device prevents any movement of the lever until the bed is centered under the platen. The press is also equipped with a one-piece steel frame frisket, which is easily removed.

Measurements of the Rouse Proof Press No. 2 are as follows: Bed, 14x17 inches; platen, 12x15 inches; base, 20x24 inches; floor space over all, 24x40 inches. Shipping weight, about 800 lbs. *Send for descriptive circular and prices*



GALLEY PROOF PRESSES

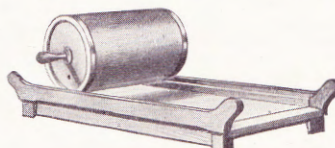
CHALLENGE AND CHANDLER & PRICE

Galley Proof Presses are used to a considerable extent in newspaper and periodical composing rooms, where good, readable proofs of type and slugs on galleys are required. Both the Challenge and Chandler & Price Galley Proof Presses (illustrated here) are built to give the best possible service. The bed of each machine is true and even. Either machine will give a clear



CHALLENGE
GALLEY PROOF PRESS
WITH STAND

and distinct impression without injury to the most delicate type or slugs. The felt used on the rollers is of the best quality. Under the bed



of each press equipped with stand is a convenient compartment with door for the storage of proof paper, ink, rags, benzine, etc.

The Chandler & Price Galley Proof Press with stand is made in two sizes: No. 1, bed 10x31 in.; No. 2, bed 16x31 in. Either size is sold without the stand. The Challenge Galley

Proof Press is made in a variety of sizes, as shown in the accompanying table: Nos. 00, 01, 02 and 06 may be had without the stand; Nos. 0, 1, 2, 3, 4, 5 and 6 are sold complete with substantial iron stand.

SIZES OF CHALLENGE GALLEY PROOF PRESSES

Size	Size of Bed	Shipping Weight
No. 00	9 x27 inch bed without stand.....	135 pounds
No. 01	10¼x32 inch bed without stand.....	200 pounds
No. 02	16½x35 inch bed without stand.....	345 pounds
No. 06	9 x40 inch bed without stand.....	160 pounds
No. 0	9 x27 inch iron stand, cabinet.....	219 pounds
No. 1	10¼x32 inch iron stand, cabinet.....	275 pounds
No. 2	16½x35 inch iron stand, cabinet.....	430 pounds
No. 3	20 x38 inch iron stand, cabinet.....	830 pounds
No. 4	24 x42 inch iron stand, cabinet.....	900 pounds
No. 5	27 x54 inch iron stand, cabinet.....	1300 pounds
No. 6	9 x40 inch iron stand, cabinet.....	230 pounds

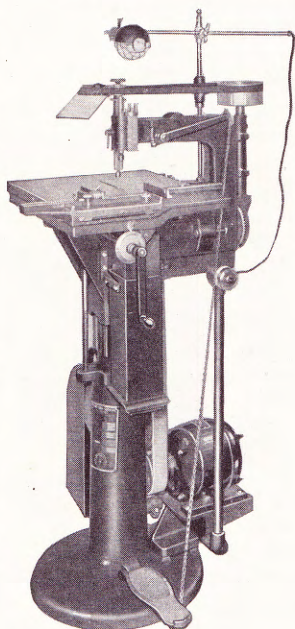


CHANDLER & PRICE
GALLEY PROOF PRESS

COMPOSING ROOM SAWS AND TRIMMERS

A PRINTING OFFICE NECESSITY

A saw and trimmer has now become an indispensable part of the equipment of every up-to-date printing office. Many thousands of them have been installed, yet there are still remaining hundreds of printers who have not fully realized the importance of such equipment. Correct typography, whether hand set or otherwise, can be accomplished more efficiently by the aid of any of the several saws briefly described in this department of our catalogue. Circulars describing and illustrating our line of saws and trimmers, together with quotations, sent upon request.



MILLER UNIVERSAL SAW-TRIMMER
WITH ROUTER, JIG-SAW ATTACH-
MENT AND MOTOR

MILLER UNIVERSAL SAW-TRIMMER

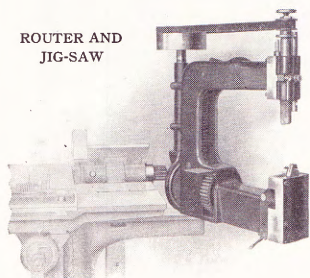
A STANDARD COMPOSING ROOM MACHINE

The Miller Saw-Trimmer saws and trims in one operation, gauging absolutely to the point system. The saw and trimmer are mounted on the same mandrel, with the trimmer knives projecting through the saw blade. The knives, when changed for sharpening, may be accurately readjusted in a few minutes. The Miller Saw-Trimmer is equipped with a micrometer gauge, adjustable to points and fractions of a point by simply turning a knurled worm. The gauge has a capacity of sixty picas and is absolutely accurate to the one-thousandth of an inch. To change the adjustment quickly, the gauge may be lifted free from the rack and moved forward or backward. It locks automatically when dropped back into place. The main table of the Universal Saw-Trimmer is equipped with an elevating mechanism whereby the tables are raised or lowered in relation to the saw head, controlled by a micrometer point dial marked by points and half points up to two picas for one revolution. The Miller Universal Saw-Trimmer is designed exclusively for the composing room. It is an all-round, all-purpose machine.

MILLER SPECIAL PURPOSE SAW-TRIMMER

The Miller Special Purpose Saw-Trimmer is designed particularly to meet the requirements of large newspaper composing rooms where more than one saw-trimmer is required for slug cutting and for trade composition plants where slug cutting is done to a considerable extent. It saws and trims slugs in one operation and the point end gauge insures accurate work. The work-holding vise grips the slugs securely. The Miller Special Purpose Saw-Trimmer will do any work that may be required in the newspaper composing room or trade composition plant.

ROUTER AND
JIG-SAW



At the suggestion of users of Miller Saw-Trimmers, many special attachments and succeeding units have been designed for quick application to the standard equipment regularly furnished. Each of these attachments performs a specific function not comprehended by the original equipment, and all the attachments are fully described, illustrated and priced in a catalogue that will be sent upon request.



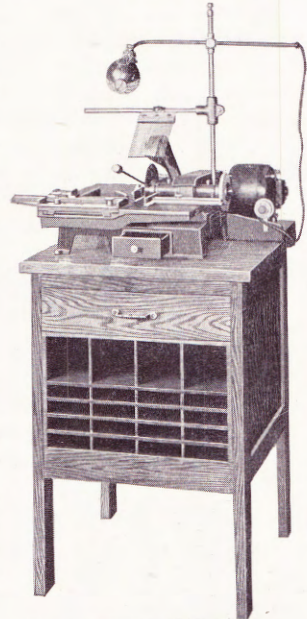
MILLER SPECIAL
PURPOSE
SAW-TRIMMER
WITH MOTOR
ATTACHED

MILLER BENCH SAW-TRIMMER

AN ALL-ROUND MEDIUM PRICED MACHINE

The Miller Bench Saw-Trimmer is a model of compactness and simplicity. Adjustments are few and easily understood. It is self-contained, and complete with motor that can be attached to any electric light socket.

The standard equipment includes: Base complete with table and saw arbor; two 6 inch standard saws with heads and trimmers; one 60 pica swivel gauge; one 60 pica point end gauge; one batter; one saw hood; one emery wheel; one auxiliary bed; one saw swage. A substantially built cabinet, as shown in the illustration, is made especially for this saw. It will be found to possess many conveniences and is well worth its price; yet this cabinet is not actually essential, as the Miller Bench Saw-Trimmer is portable and can be successfully operated on any substantial bench or table.



MILLER BENCH SAW-TRIMMER
MOUNTED ON CABINET

THE SUPERIOR POINT-SYSTEM SAW

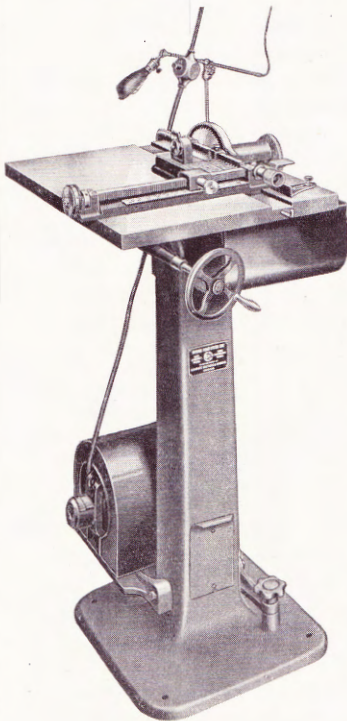
THE RED GUARD MACHINE

The Superior Point-System Saw, as its name implies, is a very high grade machine. It takes the product of the composing room or casting machine and reduces it to smooth, labor-saving, type foundry exactness. It thoroughly meets the requirements of a high grade machine for standardizing composing room materials for rapid and accurate handling. The combination saw blade and

trimmer is in one head, the knives extending through the saw to a point slightly beyond the line of the saw teeth. The saw is hollow-ground, which provides clearance,

so that little setting of the teeth is necessary. The regular saw blade is suited to the cutting of soft metals, such as composing machine slugs, cast rules and borders, leads, slugs, and stereotype and electrotypes cuts on metal or wood bases. For hard metals, a special brass saw and trimmer can be had at an additional charge. The table may be elevated to any desired point for sawing, undercutting or slitting wood bases of cuts.

The Superior Point-System Saw possesses many unusual features, among which are the following: Saw spindle mounted in a solid head electrically welded to the frame; saw and head holding trimmer knives screws onto the spindle, and is quickly removable; a pica main gauge that takes up to 60 picas graduated by half picas; a point auxiliary gauge that increases or decreases the measure fixed by the pica gauge in steps of one point or fractions, from one to twelve points; a red guard that fits over the saw when it is being operated. The regular equipment of the Superior Point-System Saw is as follows: One 5½ inch standard saw blade and head with one set of trimmer knives, extra standard blade, Alundum grinding wheel, tool rest, batter, 60 em pica main gauge, point auxiliary gauge, work holder, mitering attachment, chip box, ¼ horsepower motor, 10 feet of cord with straight-through double pole switch and swivel plug, steel hood for motor, endless leather belt, adjustable belt-tightening motor base.



SUPERIOR POINT-SYSTEM SAW

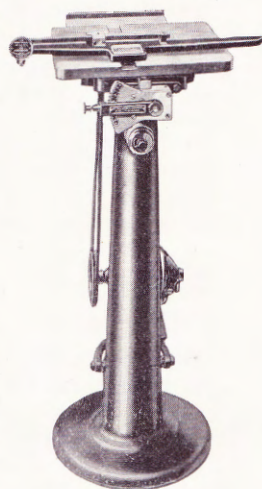
Send for information regarding Superior Point-System and Miller Saws. Prices quoted on request

ROUSE POWER ROTARY MITERER

FOR MITERING STRIP BORDERS, RULE AND SLUGS

The Rouse Rotary Miterer is especially recommended for use in large newspaper composing rooms and trade composition plants. For mitering metal rule, borders and slugs, it will be found a great time-saver. The Rouse Rotary Miterer was also designed to miter brass when desired. It does nothing but miter, and for this very reason it is instantly available at all times without the necessity of changes or adjustments. A high-speed, double-faced cutting wheel cuts two 45 degree miters at one operation. Miters and gauges accurately inside or outside measurement from the strip. First cutting to size is unnecessary.

The equipment includes 160 pica extension gauge and $\frac{1}{4}$ horsepower motor, either 110 volt or 220 volt direct current or 110 volt or 220 volt single phase 60 cycle alternating current.



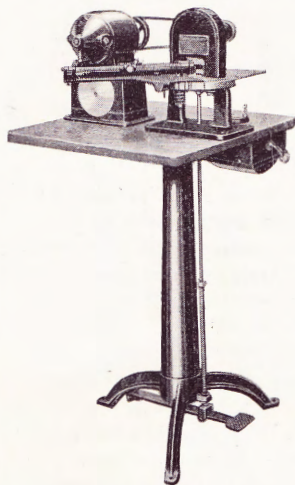
ROUSE ROTARY MITERER

ROUSE POWER SAW-MITERER

AN ALL-PURPOSE MACHINE

The Rouse Saw-Miterer is a rapid combination saw and mitering machine. The gauge is similar to the one used on the Rouse Hand-Mitering Machine and an extension gauge is also furnished which extends the scope of machine to 160 ems pica. The Rouse Saw-Miterer is a triple-purpose machine. It cuts and miters metal rule, borders and slugs, but is not designed to cut brass rule; miters at all useful angles; saws single strips only; cuts spaces.

Equipped with 160 em pica extension gauge, space cutting attachment, combination border mitering attachment and a $\frac{1}{8}$ horsepower motor, either 110 volt or 220 volt direct current or 110 volt or 220 volt single phase 60 cycle alternating current.



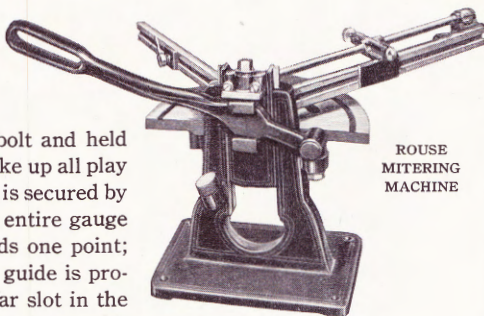
ROUSE SAW-MITERER

ROUSE MITERING MACHINE

A POPULAR MITERING DEVICE

The Rouse Mitering Machine is equipped with a positive point gauge that sets instantly and locks automatically to points. This enables the operator to miter rules to picas (12 points), nonpareils (6 points), or points, inside as well as outside measure. The gauge has flaring notches milled on one side six points apart. These notches are engaged by four

teeth of corresponding taper on end of locking bolt and held firmly in position. Teeth are self-centering, and take up all play or lost motion. The point adjustment of the gauge is secured by a thumb nut, one revolution of which moves the entire gauge six points; therefore, one notch toward you adds one point; two notches, two points; etc. The rule holder or guide is provided with steel pins which engage in the circular slot in the table and can be located and locked at the exact angle wanted. The knife holder travels in two slots milled in the body of the machine, which insures accuracy. The knife is of the best tool steel, hardened and set in the knife holder at the proper angle to obtain best results.



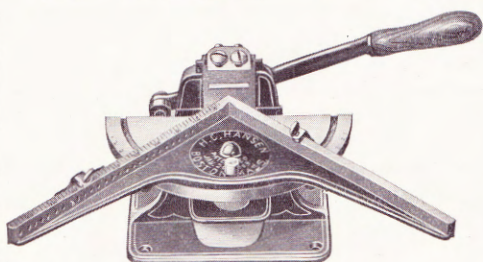
ROUSE
MITERING
MACHINE

Descriptive circulars and prices of the Rouse Mitering Machines will be sent upon request

HANSEN COMPLETE MITERING MACHINE

A SAVER OF TIME AND BRASS RULE

The Hansen Complete Mitering Machine miters any angle accurately and quickly. The rule holder has an angle of 90 degrees when placed in the center position. It is positively and easily set for any desired angle. There are no lines in connection with it to guess at. By the aid of a



HANSEN COMPLETE MITERING MACHINE

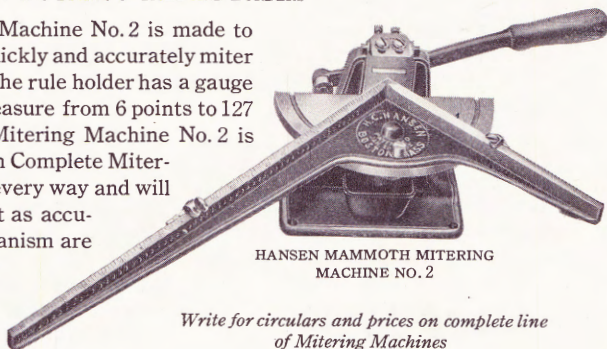
set pin the operator obtains the desired position on the machine and can rely on its accuracy. The Hansen Complete Mitering Machine is graduated by 12 point ems, and has two gauges, the left-hand gauge having a supporter that enters any one of the holes at even ems, and by turning the supporter each quarter turn the measure is lengthened or shortened 6 points. The inside measure is obtained by placing 2, 3 or 4 points between the supporter and the gauge. The knife is held firmly by two screws and is regulated by two adjusting screws. A jointer for

sharpening the knife to the proper angle is furnished with each machine, enabling the operator to always have the same bevel, which is essential for obtaining a clean cut. The handle strikes a rubber tube or stop, which makes the machine noiseless. A cup for catching the chips is included with each machine. Thousands of Hansen Complete Mitering Machines are in daily use.

HANSEN MAMMOTH MITERING MACHINE NO. 2

HANDLES LONG STRIPS OF RULE AND BORDERS

The Hansen Mammoth Mitering Machine No. 2 is made to meet the demand for a machine to quickly and accurately miter sets of long rule and strip borders. The rule holder has a gauge which is set by a pin to accurate measure from 6 points to 127 pica ems. The Hansen Mammoth Mitering Machine No. 2 is in reality an extension of the Hansen Complete Mitering Machine, and is as well made in every way and will do the work it is intended to do just as accurately. The frame and cutting mechanism are the same on both machines and the Mammoth gauge and rule holder can be attached to the Hansen Complete Mitering Machine at small expense.

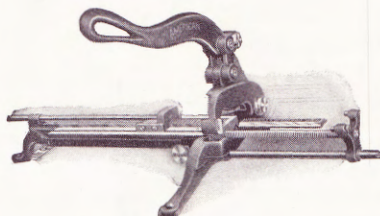


HANSEN MAMMOTH MITERING MACHINE NO. 2

Write for circulars and prices on complete line of Mitering Machines

AMERICAN LEAD AND RULE CUTTER NO. 20

A MOST SATISFACTORY MACHINE



NO. 20 LEAD AND RULE CUTTER

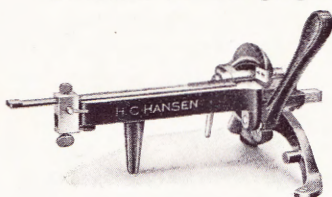
The American Lead and Rule Cutter No. 20 is identical with the No. 30 (see next page), except that it does not have the point gauge. The cutters are graduated to picas and numbered every five ems up to 105 picas. The measure is indicated by the bed gauge when reversed and extended beyond the bed. Sag in material is avoided by the support on the right. The extra foot at the left hand of the bed steadies the machine, even when placed on an uneven surface. Capacity, 105 pica ems. Ask for prices.

We handle all the best makes of Mitering Machines and Lead and Rule Cutters

HANSEN SHEAR-CUT LEAD AND RULE CUTTER

THE CUTTER WITH THE ADJUSTABLE SHEAR

The Hansen Shear-Cut Lead and Rule Cutter with adjustable shear is a new departure, and will cut any thickness of brass up to 8 points, and slugs up to 12 points, easily and without bend from base to face. The gauges are complete and accurate, and lock automatically to even ems 12 and 6 point. Instantly changed to set for any odd measure desired. Gauges are interchangeable at back or front of machine.



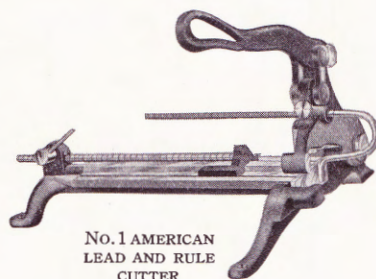
HANSEN SHEAR-CUT LEAD AND RULE CUTTER

The adjustable shear is in itself a feature which places the Hansen Shear-Cut Lead and Rule Cutter far in advance. Another great advantage of the shear-cut is that, the stroke being from front to back, the material to be cut is always held firmly against the back gauge, insuring a square cut. The leverage is very powerful and is applied from underneath the machine, permitting an open cutting head.

AMERICAN LEAD AND RULE CUTTER NO. 1

A STANDARD MACHINE FOR THE MEDIUM SIZED SHOP

The American Lead and Rule Cutter No. 1 is a good serviceable machine, and is adapted for small offices, paper box makers and for cutting odd lengths. It has a reversible bed gauge which is clamped and secured quickly by a compression thumbscrew. The gauge is numbered every five ems, but it is not graduated. There are two rows of figures on the bed gauge, one showing the measures in normal position, and the other indicating the measures when the gauge is reversed and extended. The grooved bed, a feature of this machine, prevents slipping of thin material. Capacity, 14 inches.

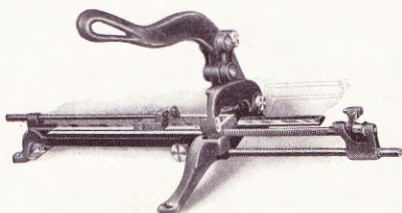


NO. 1 AMERICAN LEAD AND RULE CUTTER

AMERICAN LEAD AND RULE CUTTER NO. 30

GUARANTEED FOR ACCURACY

The American Lead and Rule Cutters are recognized as possessing unexcelled merit, and are conceded to be the best cutters made. They are guaranteed for accuracy. Cutter No. 30 has the following advantages: The gauges can be set instantly; they are self locking and cannot slip,



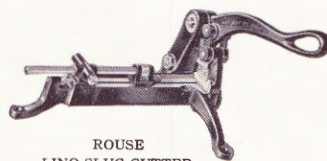
NO. 30 LEAD AND RULE CUTTER

as there are no screws. The mechanism of the cutter is such that gauges can be set in a fraction of the time usually required. The front gauge slides on a stationary rod, graduated to picas, and acts as a truss to the gauge-rod proper, thus forming a rigid construction. It is convenient for cutting short lengths, as gauge can be set to nonpareils as readily as to any other measure. The point gauge comes with the No. 30 Cutter only, and can be set quickly from 6 points to 45 picas, by points. Capacity, 105 ems; by points, 45 ems.

ROUSE LINO-SLUG CUTTER

FOR NEWSPAPER AND PERIODICAL SHOPS

The Rouse Lino-Slug Cutter has been designed for cutting single linotype slugs. The gauge can be set instantly to any measure up to 31 picas, either by nonpareils or picas. The knives are made of the best steel finely tempered.



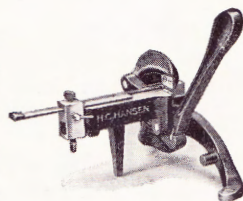
ROUSE LINO-SLUG CUTTER

Write for prices and information regarding our complete line of Lead and Rule Cutters

HANSEN SHEAR-CUT LINO SLUG CUTTER

FOR NEWSPAPER AND TRADE COMPOSITION PLANTS

The Hansen Shear-Cut Lino Slug Cutter is built along the same lines as the Hansen Shear-Cut Lead and Rule Cutter, excepting that, as it is intended principally for thick material, the knives are set at the proper shear and are not adjustable. It has the same powerful leverage applied from underneath, the open cutting head which facilitates rapid operation, and the same gauge adjustment which operates automatically to 12 and 6 point ems and may be instantly changed for any odd measure, if desired. It is strong, efficient and reliable, and is particularly valuable for cutting slugs to run around illustrations. Write for prices.

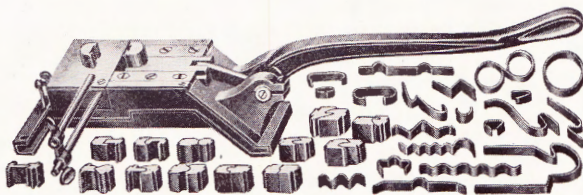


HANSEN SHEAR-CUT LINO
SLUG CUTTER

HELMOLD'S IMPROVED EUREKA RULE PRESS

BENDS RULE IN A LARGE VARIETY OF SHAPES

Helmold's Improved Eureka Rule Press is designed fundamentally along the lines of the original Eureka Rule Press, with which printers, box makers and novelty manufacturers are familiar. The efficiency and field of usefulness of the Improved Eureka have been greatly in-



HELMOLD'S IMPROVED EUREKA RULE PRESS

creased through several important improvements. Many forms may be made up on the new machine which were impossible on the old model, due to the fact that the table top can now be entirely cleared of obstruction. An adjustable stop has been added, limiting the amount of curve or pressure to be applied,

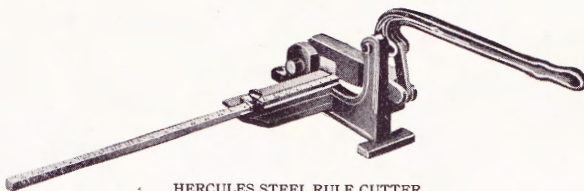
enabling duplicate bends to be made readily and rapidly. This stop can be instantly set. As symmetry is essential in die making, it is necessary to reproduce perfect duplicates, and for this purpose Helmold's Improved Eureka Rule Press is unequalled. As it is rigidly constructed on the interchangeable plan, using male and female dies which are instantly removable, steel rule may now be formed into an almost unlimited number of shapes.

The equipment accompanying Helmold's Improved Eureka Rule Press includes six pairs of standard dies. No machine will be sold without at least six pairs of standard dies. Special dies can be supplied at reasonable prices.

HERCULES STEEL RULE CUTTER

THE OLD RELIABLE MACHINE

The Hercules Steel Rule Cutter is an extra heavy, powerful machine, designed for use on steel cutting, creasing and scoring rule. It will cut six point tempered steel rule and heavy brass rule and slugs with great ease and leave no burr on edges. It is especially adapted for the use of paper box makers, label printers, paper novelty manufacturers and all who cut tempered steel rule or heavy brass rule and slugs. The knives are made of the best grade of steel, hardened by a special process, and seldom require sharpening. They are set into a slot which exactly fits them, so that no adjustment is necessary. They can be taken off and replaced quickly. The front gauge will allow a cut of $6\frac{1}{2}$ inches and the back gauge, which is 25 inches in length, is graduated to picas and half picas. Write for prices of tools for cutting and bending steel rule.



HERCULES STEEL RULE CUTTER

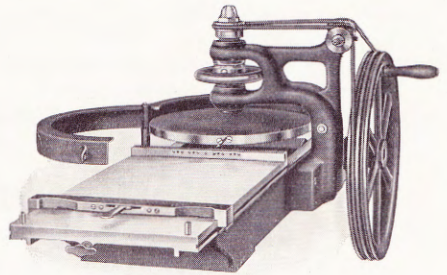
THE TYPE-HI DISC PLANER

A BALL-BEARING MACHINE

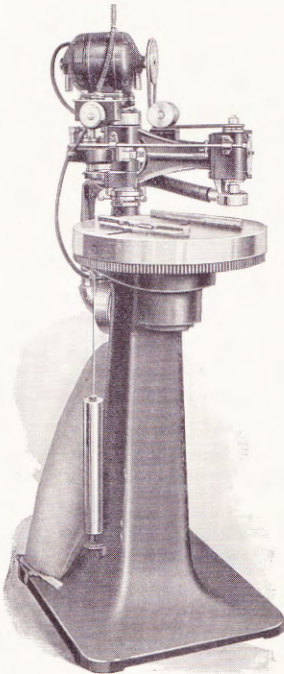
The Type-Hi is a perfected ball-bearing planing machine for leveling high, uneven, twisted and warped printing plates—either wood or metal bases—in such manner that high plates are reduced to type-high or low plates made level for even underlaying with rapidity and accuracy. A plate is planed by placing it face downward and locking on the bed; the cutting tools are adjusted by a micrometer gauge; turning the handwheel drives the disc in which the cutting tools are mounted; the bed travels on a worm screw, moving in unison with the disc, and feeding the plate to the cutting tools. Any plate or cut up to 13½x20 inches in size can be accurately planed in a minute or two by the Type-Hi

Planer. Works easily by hand. Motor for individual drive can be furnished. Each machine is equipped with two sets of cutting tools—one set for wood and the other for metal. Both are reversible, having a cutting edge at each end.

Width of the Type-Hi Disc Planer, 21 inches; length, 37½ inches; height over all, 20 inches; weight, 275 pounds.



TYPE-HI DISC PLANER



HACKER PLANER FOR PRINTERS

THE HACKER PLANER FOR PRINTERS

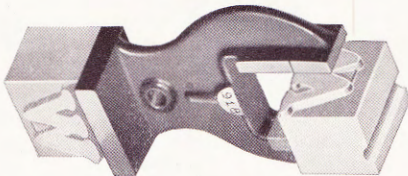
THE MOST ACCURATE PLANER ON THE MARKET

The Hacker Planer for Printers is unquestionably the most accurate machine of its kind ever built for planing wood-mounted electrotypes and cuts to their proper height. It will save its original cost in a very short time in any printing office doing a considerable amount of printing from electrotypes and halftone plates mounted on wood. It is equipped with a driving motor to propel it and a suction motor to draw the sawdust off into a vacuum bag out of the operator's way. There is no dust or litter to prevent the machine doing its work efficiently. The Hacker Planer will plane any block that will go in an 18 inch circle. Crated for shipment the machine weighs about 650 pounds.

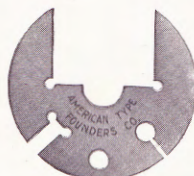
An illustrated circular giving prices and comprehensive description of machine and information regarding electrical equipment will be sent upon request.

POCKET TYPE-HIGH GAUGES

Pocket Type-High Gauges are absolutely accurate, all being ground to .918 of an inch.



SUPERIOR TYPE-HIGH GAUGE
PRICE \$1.75



MILLS THREE-HEIGHTS
GAUGE
PRICE \$1.75

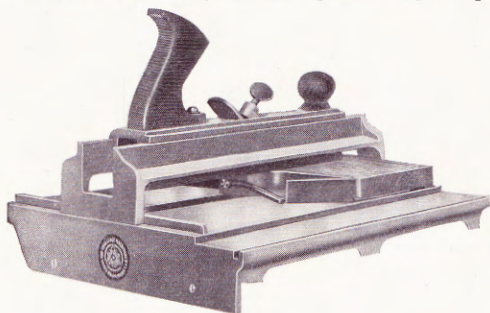


CHALLENGE TYPE-HIGH GAUGE
PRICE \$1.75

Write for information regarding our full line of Type-High Gauges

HOERNER COMBINATION SHUTE BOARD AND TYPE-HIGH MACHINE

The Hoerner Combination Shute Board and Type-High Machine will reduce cuts to type-high and make them true and even, besides doing many other things that may be asked of it. Is simple, solid and accurately made. All parts except the plane handles are of iron or steel. Interchangeable



HOERNER COMBINATION SHUTE BOARD
AND TYPE-HIGH MACHINE

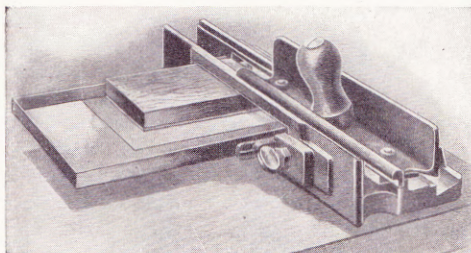
planes, one carrying a knife blade and the other a file, work upon the carriage or guide frame. A block the full width of the machine can be shaved at one blocking, as the carriage can be moved from side to side of the bed while operating. It will hold a block up to ten inches in width and of any length. The block is held down to the bed by a novel vise-lock, instantly adjusted by one turn of a small lever. The sliding crossbar, with miter point, can be set at any angle for mitering. The bed can be fastened to table or bench, thus leaving the operator free hands. This position has the added advantage of being convenient as a bench vise for holding

blocks, while attaching or removing plates. Machine is complete with file plane and one knife plane. There are more than fifteen hundred Hoerner Combination Shute Board and Type-High Machines in use in the various printing plants and newspaper offices. Ask for prices.

THE CHALLENGE TYPE-HIGH MACHINE

The Challenge Type-High Machine is a handy implement in the composing room or pressroom, where a more complete machine like the Hoerner is not absolutely essential. It will do its work rapidly and entirely satisfactorily, and anyone can operate it successfully. Simply passing all

cuts or plates mounted on wood through this machine before the form is sent to press saves a great deal of time in make-ready, and the cuts give much more satisfactory results. To operate the Challenge Type-High Machine the cut is placed face downward on the galley which is furnished with the machine, and such sheets of paper are placed under the cut as may be required to bring the cut to the desired height. When blocks are warped it is best to take the plate off and run the block through the machine, both top and bottom—



CHALLENGE TYPE-HIGH MACHINE

this operation will make it smooth; then replace plate, adding sufficient cardboard or paper between the plate and block to make it a paper more than type-high; then run the plane over the block again and the desired height is obtained. Ask for prices.

THE PRACTICAL HEIGHT GAUGE

The Practical Height Gauge is a money-saving device for testing electrotypes and other plates for height. As soon as cuts are received from the engraver they can be tested for height. If too

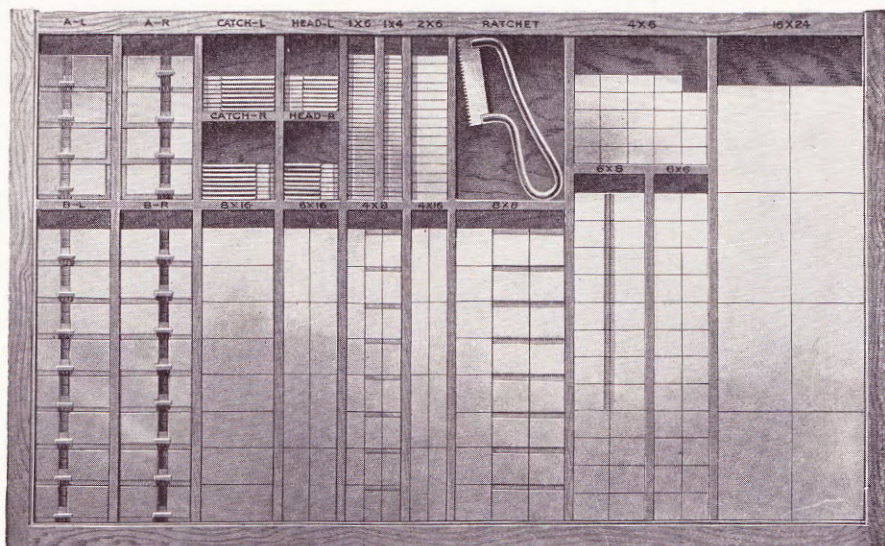


THE PRACTICAL HEIGHT GAUGE

high, they should be shaved down; if too low, the gauge will show the discrepancy and the cuts can be built up to a proper height. The money saved by turning of cuts of proper size and height over to the compositor is too evident to need further argument. Send for descriptive circular and prices.

ROUSE UNIVERSAL BLOCKS

THE SIMPLEST, QUICKEST AND BEST



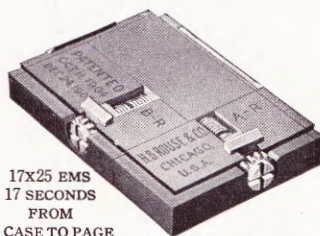
ONE FONT ROUSE UNIVERSAL BLOCKS IN CASE

Rouse Universal Blocks have many advantages, the chief of which is great speed in make-up. This is shown by the photographic reproductions of widely varying sizes of pages, each of which was actually assembled ready to lock up in from 15 to 35 seconds, or at the rate of sixteen pages in from 5 to 20 minutes. The Rouse Universal Blocks not only offer extraordinarily quick make-up but permit the work to be done on stone while press is printing other jobs. The hooks are very rapid, yet capable of fine adjustment for register work. They are very simple and strong in construction, body being cast iron and working parts steel. The jaw, with a movement of about five picas, is operated with a ratchet (the fastest known means) for clamping or releasing plates, and with a pin for fine register. Catches are made of brass and cannot possibly work up on press. Allows half inch margin between plates. Bases are made of iron and on point system.

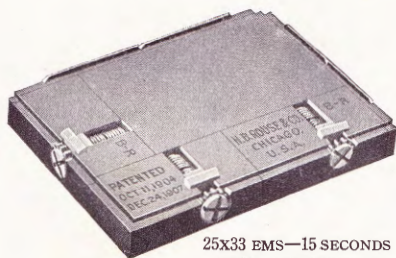
With a single set or font it is possible to make up eight pages into about 160 different sizes, ranging from 17x25 up to 35x51 ems pica, and a less number of larger pages into an endless variety of shapes and sizes, all with a variation of two picas in either width or length, or in both width and length. Write for descriptive circular and quotations.



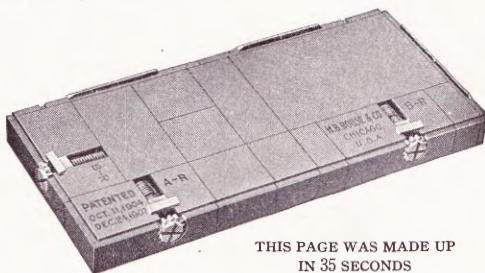
UNIVERSAL HOOK
LEFT



17x25 EMS
17 SECONDS
FROM
CASE TO PAGE



25x33 EMS—15 SECONDS
FROM CASE TO PAGE

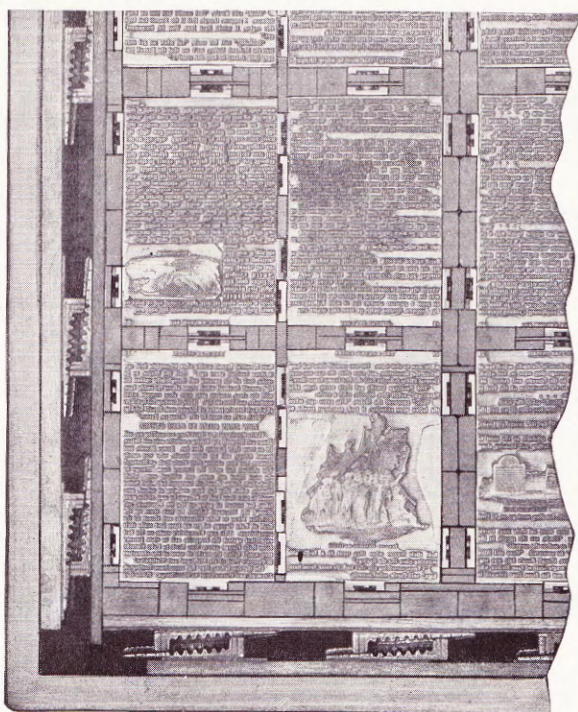


THIS PAGE WAS MADE UP
IN 35 SECONDS

ROUSE REGISTER HOOKS AND BASES

GREATLY IMPROVED AND SIMPLIFIED

Rapidity in make-up has been usually associated only with grooved beds. Recent improvements in Rouse Register Hooks and Bases assure fully as quick a make-up as with grooved beds.



SECTION OF FORM SHOWING NARROW MARGINS OBTAINABLE WITH CLIMAX REGISTER HOOKS

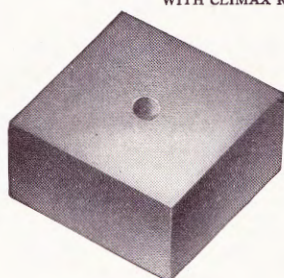
Narrow margins frequently permit a considerable saving in paper stock, and in numerous cases narrow margins are absolutely necessary. Much narrower margins are assured by good register hooks than by any other method and the use of Rouse Hooks makes such margins possible and assures plates being held securely.

Rigid support for the entire plate minimizes the make-ready time, and also assures a more permanent make-ready. Grooved blocks are not satisfactory in this respect, as the grooves leave a considerable portion of the plate without support, besides cutting the underlay, and, in some cases, actually ruining the plates. Rouse Bases give positive support to the entire plate.

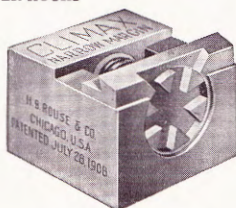
Rouse Hooks are also strongly constructed, and well able to withstand rough usage.

Ability to make up forms on the stone or on the press allows more running time for the press, as the forms can be made up on the stone while the press is running on another job. Rouse Register Hooks and Bases permit this feature.

The Climax Register Hooks are the most desirable and practical yet produced for fine color printing. Are unequalled for narrow margins, width of jaw, durability, compactness and ease of cleaning.

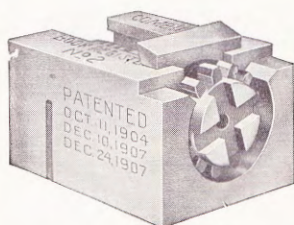


UNIT BASE—8x8 EMS



CLIMAX No. 2—6x6 EMS

ROUSE RABBETED BASES



COMBINATION HOOK No. 1—6x7 EMS
No. 2—6x8 EMS

For Combination Hooks No. 1 (6x7 ems)

1x7	4x7	6x7 corner	12x7
2x7	6x7	8x7	16x7

For Combination Hooks No. 2 (8x7 ems)

1x8	4x8	6x8 corner	16x8
2x8	6x8	8x8	

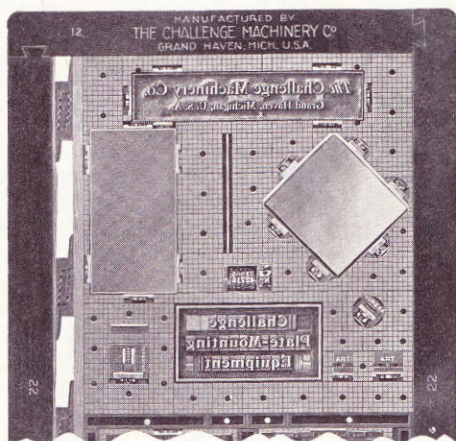
Write for descriptive circular and quotations on
Register Hooks and Bases

CHALLENGE SECTIONAL BLOCKS

ANSWER EVERY REQUIREMENT OF THE MOST EXACTING PRINTER

The perfect adaptability of sectional blocks and register hooks to every variety of flat-bed printing; the absolute permanency of plate position; the quick registering of plates; the very narrow margins; the possibility of placing a hook wherever needed; the absence of trenches

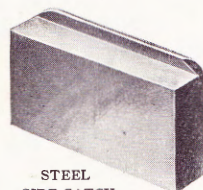
beneath the plates, which weaken them and make interlaying impracticable; the unlimited interchangeability of blocks, so that numbering machines, scoring rules, pages, lines or lone figures in type may be inserted in any portion of the form and locked as securely as if in an all-type form; the adaptability to any size plate set at any angle desired, and instantly registered; perfect lock-up of blocks; their flat bearing on the press bed; their unchangeableness; their impression resiliency and the clearness of print yielded; the artist-proof impression that may be obtained by the very minimum of overlaying and underlaying, and the light wear on plates, make Challenge Sectional Blocks and Register Hooks answer fully every requirement of the most exacting printer and publisher.



CHALLENGE STEEL AND BRASS CATCHES

Steel Catches—Steel side and head catches are made in five sizes, 2x4, 2x6, 2x8, 2x12 and 2x16 ems. The head catches do not have the beveled lip, being straight for head of book plates.

Brass Catches—Brass side and head catches are made in five sizes, 1x4, 1x6, 1x8, 1x12 and 1x16 ems. The size of the Brass Catch most used is 1x8 ems.



STEEL
SIDE CATCH
2X8 EMS



CHALLENGE
ART HOOK

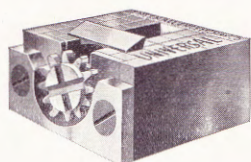
THE CHALLENGE ART HOOK

The Challenge Art Hook is used for color and register work. It is operated by a small steel key; the head of the screw follows the clutch so that the key opening is always at the edge of the plate, allowing plates to come together up to the thickness of the key. By intersetting hooks the back edges of plates can be brought to within six points of each other, or, allowing three points for each bevel, the printing face of two plates come within twelve points of each other. Construction is of steel and they are the strongest hook made. Made in two sizes, 6x6 and 4x6 ems.

THE CHALLENGE UNIVERSAL HOOK

MADE IN ONE SIZE, 8X8 EMS

The Challenge Universal Hook is principally used on book, magazine, catalogue and one-color work, in connection with brass or steel side and head catches. The head of the screw that moves the clutch which holds the plate is fixed as to position outside. The hook is rabbeted, same as rabbeted blocks, to furnish a gutter for the use of the ratchet. It may also be operated by a key and thereby made adaptable to register work. Construction is of iron and steel. The Challenge Universal Hook is made in one size only, 8x8 ems. Send for circular describing Challenge Blocks, Catches, Hooks, etc. Ask for prices.



CHALLENGE UNIVERSAL HOOK



CHALLENGE
SWIVEL HOOK

THE CHALLENGE SWIVEL HOOK

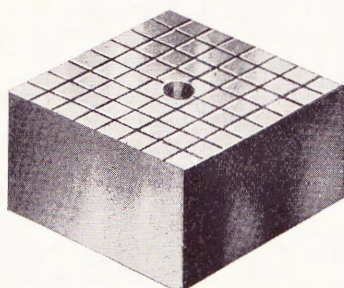
FOR ANGLES AND ODD SHAPES

The Challenge Swivel Hook operates by a key, and is used where plates are desired at a decided angle or are of odd shapes. It may also be used for general register work. Construction is of brass and steel. Made in one size only, 8x8 ems.

Challenge Sectional Blocks, Hooks and Cast Iron Bases are used in many of the largest printing plants, giving entire satisfaction.

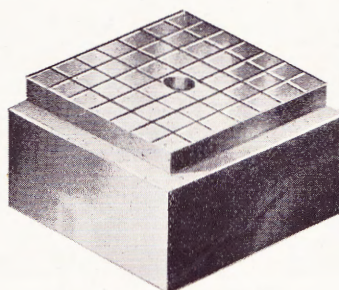
CHALLENGE IRON SECTIONAL BLOCKS

Sizes from 1x4 to 2x24 ems are made from solid cold-rolled steel. The Cast Iron Sectional Blocks are made in a variety of sizes from 3x6 to 24x36 ems. They are as light as consistent with positive rigidity. Being made to micrometer measurements, and on the point system, they



CHALLENGE IRON SECTIONAL BLOCK

will work perfectly with type, iron furniture, numbering machines, etc., run in same form. In each section is cast a small round hole through which the end of the register hook key may be inserted and the section lifted out of the form. The rab-



CHALLENGE IRON RABBETED
SECTIONAL BLOCK

beted sections are used with the Universal Hook, and furnish a gutter for using a ratchet. Challenge Register Hooks and Sectional Blocks are .759 inch high for standard 11 point plate.

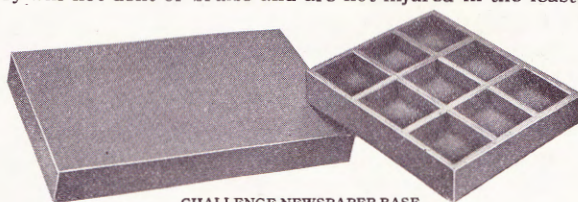


STEEL REGISTER KEY, DOUBLE END, 4 INCHES LONG

CHALLENGE CAST IRON NEWSPAPER BASES

These bases are great time-savers. They are locked up in the form during make-up time and the plates are simply laid on top when ready for stereotyping. No hooks or catches are necessary to hold the plates in place. They will not dent or bruise and are not injured in the least

by tight locking or by the application of heat. They are light, accurate and practically indestructible, forming a permanent addition to the equipment of any office. You will find these Cast Iron Newspaper Bases of great value in the rapid and economical handling of your



CHALLENGE NEWSPAPER BASE

stereotype plates, whether standard column widths or for mounting odd sizes and shapes of cuts surrounded by reading matter. Challenge Cast Iron Newspaper Bases are accurately ground to height, .759 inch high for standard electrotype plates or .853 inch for halftone or zinc plates. The .759 height will work with standard height iron bases and Wilson Adjustable Iron Blocks. Made in standard one, two, three or four column widths and 3 to 36 em lengths, also in labor-saving sizes from 3x4 to 10x50 ems pica.

Write for circular fully describing Challenge Hooks, Sectional Blocks and Iron Bases. Ask for quotations

KELLY PRESS PLATE-MOUNTING EQUIPMENT

A SPECIAL EQUIPMENT FOR THE KELLY AUTOMATIC JOB PRESS, STYLE B

The Special Plate-Mounting Equipment for the Kelly Automatic Job Press, Style B, herewith illustrated, includes the complete form ready to put on the press. The equipment will accommodate the majority of forms, but additional 6x6 or 4x6 Art Register Hooks and small Sections

can be added at a slight expense to take care of as many additional plates as may be required. The equipment is made up of the following:

One Style K-E Electric-Welded Steel Skeleton Chase, made for the Kelly Automatic Job Press, Style B, $18\frac{7}{8} \times 22\frac{1}{4}$ in. outside and $16\frac{3}{8} \times 20\frac{7}{8}$ in. inside; top and bottom bars, $1\frac{1}{4} \times 5\frac{7}{8}$ in.; side bars, $1\frac{1}{4} \times 3\frac{3}{4}$ in., together with:

Twenty-four Art Register Hooks, size 6x6 ems; eighty-four Cast Iron Sections, size 8x8 ems; fifty-two Cast Iron Sections, size 6x8 ems; ten Steel Sections, size 2x8 ems; six Steel Sections, size 2x6 ems; forty-two Steel Sections, size 1x8 ems; fifty-four Steel Sections, size 1x6 ems; one Double

End Register Key, 4 inch; ten pieces Challenge Labor-Saving Iron Furniture, as follows: one piece each 2x40, 2x45, 3x40 and 3x45 ems; two pieces 5x16 ems; four pieces 5x50 ems; eight pair No. 1 Challenge Quoins. Write for illustrated circular and ask for prices.

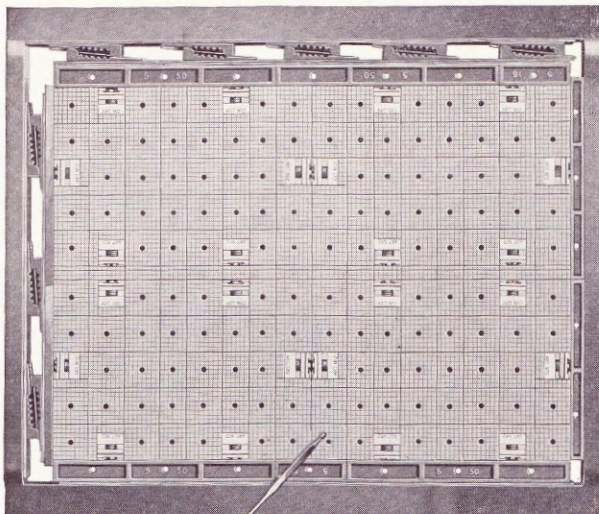


ILLUSTRATION OF PLATE-MOUNTING EQUIPMENT FOR KELLY
AUTOMATIC JOB PRESS, STYLE B
NET SIZE OF BASE OVER ALL, 83x116 EMS

WILSON ADJUSTABLE PATENT IRON BLOCKS

A RIGID AND DEPENDABLE IRON BASE

The Wilson Adjustable Patent Block is made up of pieces, some of which are complete in themselves, while the others are extensions used in making up complete blocks in the various standard or odd sizes desired. The pieces are arranged in sets or fonts suggested by extensive experience, and come as near as is possible to meeting the requirements of all printers.

Forty different sizes can be made with the regular extensions, and there is no limit to the sizes that can be obtained with addition of extra extensions or Challenge Sectional Blocks.

The arrangement is so simple that the cost of make-up is reduced to a minimum. Being made to the point system, type can be used in the same form. They have the Challenge Universal Hook (using both ratchet and key), reducing the margin to less than is possible with any other block. They have the rigidity of a solid iron base, but weigh only one-third as much as type.

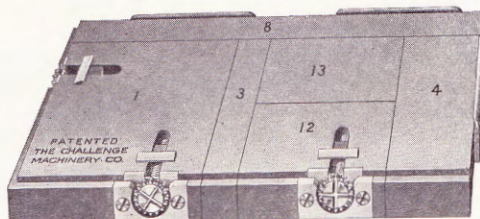


ILLUSTRATION SHOWS A PAGE MADE UP WITH HOOKS ON
ONE SIDE AND END AND REMOVABLE CATCHES ON
OTHER SIDE AND END, FOR BOOK WORK
HOOKS CAN BE USED ON ALL SIDES FOR REGISTER WORK

Write for information and prices on our complete line of plate mounting
equipment for cylinder printing presses

COMPOSING STICKS, ETC.

ILLUSTRATING THE POPULAR DESIGNS



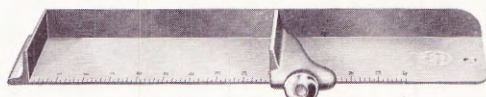
ROUSE JOB STICK

Depth	6 inch	8 inch	10 inch	12 inch	15 inch	20 inch
1½ inch.....	\$3.40	\$3.75	\$4.15	\$4.60	—	—
2 inch.....	3.40	3.75	4.15	4.60	\$5.75	\$7.00
2½ inch.....	3.50	3.90	4.30	4.80	6.00	7.25

ROUSE PICA STICK

The only difference between this and the Rouse Job Stick is that this stick is without the six point adjustment.

Depth	6 inch	8 inch	10 inch	12 inch	15 inch	20 inch
2 inch.....	\$2.50	\$3.00	\$3.30	\$3.60	\$4.80	\$6.20
2½ inch.....	2.60	3.10	3.40	3.75	5.10	6.50
Plating extra..	.40	.40	.50	.60	.60	.70
Pica ems.....	21	33	45	57	75	104



EAGLE COMPOSING STICK

STEEL, NICKEL PLATED

Depth	6 inch	8 inch	10 inch	12 inch	15 inch	18 inch	20 inch
1½ inch.....	—	\$2.75	—	—	—	—	—
2 inch.....	—	3.75	\$4.15	\$4.60	\$5.75	\$6.50	\$7.00
2½ inch.....	3.50	3.90	4.30	4.80	6.00	6.75	7.25
Pica ems.....	30	42	54	66	84	102	114



IMPROVED STANDARD JOB STICK

Depth	6 inch	8 inch	10 inch	12 inch	15 inch	20 inch
2 inch.....	\$3.40	\$3.75	\$4.15	\$4.60	\$5.75	\$7.00
2½ inch.....	3.50	3.90	4.30	4.80	6.00	7.25
Plating extra..	.40	.40	.50	.60	.60	.70
Pica ems.....	21	33	45	57	75	104



WOOD POSTER STICK

These sticks have brass lined end, iron knee and screw clamp; width inside 2½ inches. Made of cherry and fitted with japanned clamp, polished knurl-headed screw and japanned knee.

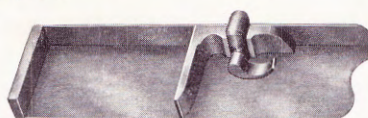
18 inch, weight 14 oz.....	\$1.80	36 inch, weight 20 oz.....	\$2.50
24 inch, weight 16 oz.....	2.00	42 inch, weight 24 oz.....	3.00
30 inch, weight 18 oz.....	2.25		



COMPOSING STICK REST

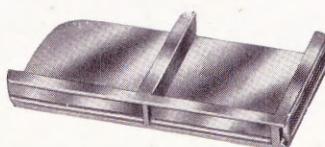
For holding stick on top of type form while making corrections. Saves time, type and temper. Made of wood.

Stick Rest, size 4x10 inches, weight 6 oz. Price each.....\$1.25



BUCKEYE COMPOSING STICK

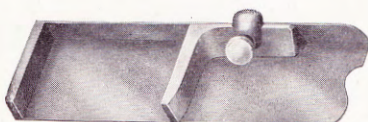
Depth	1½ inch	2 inch	2½ inch	Plating extra
6 inch.....	\$1.50	\$1.50	\$1.50	\$0.40
8 inch.....	1.60	1.60	1.60	.40
10 inch.....	1.90	1.90	1.90	.50
12 inch.....	2.10	2.10	2.10	.60
15 inch.....	—	2.65	2.65	.60
18 inch.....	—	3.10	3.10	.70
20 inch.....	—	3.50	3.50	.70



SUPERIOR ALL BRASS NEWS STICK

Made of all brass and permanently set to 13 ems measure, therefore not adjustable. Better appearance and more easily kept clean than iron or steel.

	13 ems	26½ ems	Nickel plating extra
2¼ inches deep.....	\$0.90	\$1.10	\$0.40
2½ inches deep.....	1.00	1.20	.40



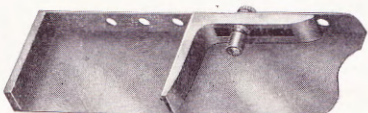
YANKEE JOB STICK

	2 inch	2½ inch
6 inch.....	\$1.25	\$1.25
8 inch.....	1.40	1.40
10 inch.....	1.60	1.60
12 inch.....	1.80	1.80



GROVER JOB STICK

	2 inch	2½ inch
6 inch.....	\$1.50	\$1.50
8 inch.....	1.60	1.60
10 inch.....	1.90	1.90
12 inch.....	2.10	2.10



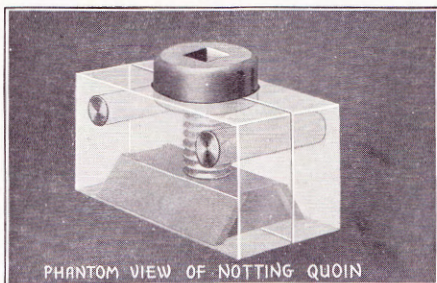
COMMON SCREW STICK

	2 inch	2½ inch
6 inch.....	\$1.25	\$1.25
8 inch.....	1.40	1.40
10 inch.....	1.60	1.60
12 inch.....	1.80	1.80

THE NOTTING STEEL QUOIN

THE BEST AND STRONGEST QUOIN EVER MADE

The Notting Patent Steel Quoin is made entirely of steel, all parts being machined from the solid. There are no castings used, it has no cams, and there are no springs. The expansion movement is simple and direct. Each quoin is self-contained, and is so constructed it cannot fall apart, nor can the wedge drop out. Only a small space is needed for the insertion of quoin—it is 48 points wide and 96 points long. Height from base to top of screw is approximately $\frac{3}{4}$ inch. It opens more than one-third its width. The keys are manufactured from high-carbon steel.



PHANTOM VIEW OF NOTTING QUOIN
AMERICAN AND CANADIAN PATENTS OWNED BY THE
AMERICAN TYPE FOUNDERS COMPANY

Notting Steel Quoins are suitable for all kinds of work and will be found unequaled where locking-up space is limited, or for register work.

Notting Steel Quoins are suitable for all kinds of work and will be found unequaled where locking-up space is limited, or for register work.

Notting Steel Quoins, per dozen\$4.00
Keys, each40

CHALLENGE QUOINS

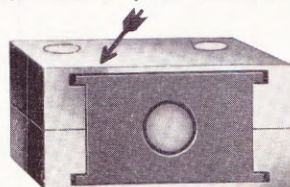
Challenge Quoins have rounded ends and do not scratch or injure the imposing stone or the press bed. The beveled heels and points enable one to place two quoins wherever one will go. Challenge Quoin Keys are made of the best cast steel.



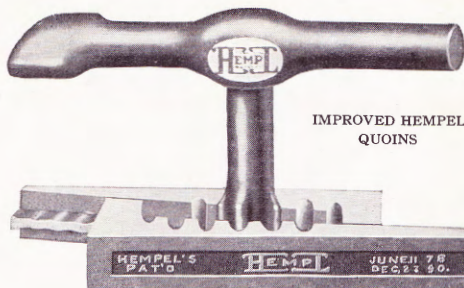
Challenge Quoins No. 1, small, per dozen\$1.50
Challenge Quoins No. 1, small, per gross 15.00
Challenge Quoins No. 2, large, per dozen 2.25
Challenge Quoins No. 2, large, per gross 22.50
Keys for either size, plain (Style C), each65
Keys for either size, nickel plated (Style C), each95



NOTTING STEEL QUOIN—ACTUAL SIZE



NOTE THIS IN THE NOTTING



IMPROVED HEMPEL
QUOINS

IMPROVED HEMPEL QUOINS

Hempel Quoins have been tested by time and approved by all who have used them.

Quoins come and go, but the Hempel always holds its place with the leaders.

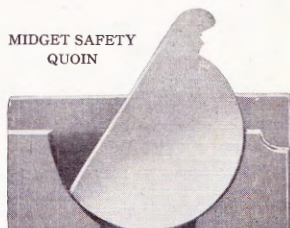
PRICES OF IMPROVED HEMPEL QUOINS

No. 1, small, per dozen\$2.50
No. 2, large, per dozen 3.75
Keys, each No. 1—\$.80 No. 2—\$.85

MIDGET SAFETY QUOINS

The Midget Safety Quoin is quickly locked by a tap of the mallet. It can be used in a space 18 points wide by 120 points long, either inside or outside of type form. It is absolutely safe, as when locked it rests against its corresponding flat surface; and the harder the surface it bears against, the better.

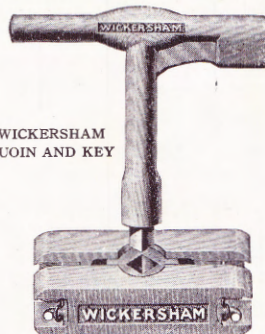
Midget Safety Quoins, per dozen, with Key\$2.00
Extra Keys for Midget Quoins, each30



MIDGET SAFETY
QUOIN

WICKERSHAM QUOINS

The Wickersham Quoin is for locking up forms with cramped margins. It has a direct spread and will not slip or slide and "squeegee" pages. It is excellent for locking up patent blocks or electrotyped pages whether made up in small or in large forms. The No. 1 is $\frac{5}{8}$ inch wide; the No. 2 is $\frac{3}{4}$ inch wide; expanding 14 points.



WICKERSHAM
QUOIN AND KEY

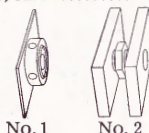
Wickersham Quoins Nos. 0, 1 or 2, per dozen.....	\$4.50
Wickersham Quoin No. 3, per dozen.....	8.00
Stationary-Peg Key, Improved, each.....	.75
Removable-Peg Key, "Unique," each.....	.95
Pocket Keys, each.....	.35
Pressmen's Keys, each.....	.95

(Above Keys fit all Wickersham Devices excepting No. 0 Quoin)

No. 0 Quoin Keys with Stationary Peg (fit No. 0 Quoin only), each.....	.55
No. 0 Quoin Keys with Removable Peg (fit No. 0 Quoin only), each.....	.75

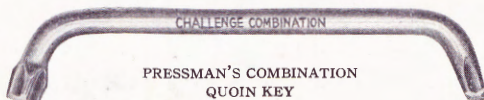
ROUSE REGISTER QUOINS

No. 1. Margin 16 to 24 points, per dozen.....	\$2.50
No. 2. Margin 36 to 58 points, per dozen.....	3.00
Key for either size, each.....	.30



PRESSMAN'S COMBINATION QUOIN KEY

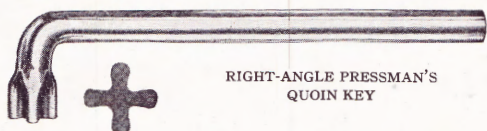
The Pressman's Combination Quoin Key is made of tool steel, $7\frac{1}{2}$ inches long. One end is accurately cut to fit a No. 1 Hempel Quoin and the other end is drop-forged to fit a No. 2 Quoin. One inch of each end is bent towards the same side of the stem at an angle of 107 degrees, raising the disengaged end $1\frac{1}{2}$ inches from the form, enabling pressman to reach under cylinder and tighten or loosen quoins.



Pressman's Combination Quoin Key, polished tool steel, each.....	\$1.25
Pressman's Combination Quoin Key, nicked tool steel, each.....	1.60

RIGHT-ANGLE PRESSMAN'S QUOIN KEY

The Right-Angle Pressman's Quoin Key fits Hempel Quoins of any make. It is made of tool steel, each tooth being cut and not drop-forged. It is especially constructed for locking or unlocking a form under the cylinder without taking the chase from the bed of the press.



Right-Angle Pressman's Quoin Keys, No. 1 and No. 2, plain, each.....	\$0.85
Right-Angle Pressman's Quoin Keys, No. 1 and No. 2, nicked, each.....	1.20

CHALLENGE SPECIAL QUOIN KEY



CHALLENGE SPECIAL
QUOIN KEY

Made from the best quality of steel obtainable. Absolutely guaranteed against breakage.

Keys for No. 1 or No. 2 Quoins, each.....	\$1.75
---	--------

WICKERSHAM PRESSMAN'S QUOIN KEY

The Wickersham Pressman's Quoin Key is also intended for use in locking and unlocking forms while on the press. It fits both the No. 1 and No. 2 Wickersham Quoins, and in offices where these quoins are used this key is just as essential as the Combination or Right-Angle Keys for Hempel pattern quoins.

Pressman's Key for Wickersham Quoins (fits both No. 1 and No. 2), plain, each.....	\$0.95
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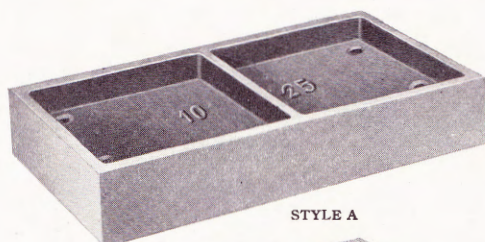
PECK QUOIN KEYS

No. 1, per 100.....	\$2.00
No. 2, per 100.....	\$3.00

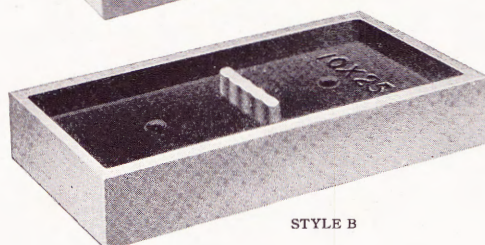
LABOR-SAVING CAST IRON FURNITURE

MADE IN TWO STYLES

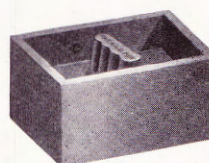
Both Style A and Style B Labor-Saving Cast Iron Furniture are made from highest grade fine grained castings, perfectly smooth, finely finished, and microground to point system accuracy. Style A has cross braces cast in each piece, giving additional strength and providing convenient finger-hold for lifting from forms. Raised figures indicate size of each piece. Style B has corrugated projection or "hump" in the center of each piece, which is easily grasped by the thumb and forefinger when removing from form. Both styles have holes to allow for proper drainage.



STYLE A



STYLE B



Labor-Saving Cast Iron Furniture is guaranteed to be on the point system both ways. It possesses point system exactness. It is forty per cent lighter than regular furniture and many times stronger.

Being harder than type metal, it will hold its accuracy longer and is therefore more economical in use. With ordinary care in handling it will last indefinitely.

It is not easily

dented or affected by heat. It makes lighter forms. It is in accordance with the line of modern improvement, which calls for iron imposing surfaces, iron stereo tables, iron composing stands, and fire-resisting qualities.

Labor-Saving Cast Iron Furniture is put up in a variety of fonts, of which the following are the most popular sellers:

Font A1—32 pieces each 2, 3 and 4x4—24 pieces each 2, 3, 4 and 5x5; 2, 3, 4, 5 and 6x6; 2, 3, 4, 5, 6 and 8x8; 2, 3, 4, 5, 6, 8 and 10x10; 2, 3, 4, 5, 6, 8 and 10x15—16 pieces each 2, 3, 4, 5, 6, 8 and 10x20; 2, 3, 4, 5, 6, 8 and 10x25. 1016 pieces.

Font A—12 pieces each 3, 4 and 5x5; 3, 4, 5 and 6x6; 3, 4, 5, 6 and 8x8; 3, 4, 5, 6, 8 and 10x10; 3, 4, 5, 6, 8 and 10x15; 3 and 4x20—8 pieces each 5, 6, 8 and 10x20; 3, 4, 5, 6, 8 and 10x25. 392 pieces.

Font B—12 pieces each 2x4; 2, 3, 4 and 5x5; 2, 3, 4, 5 and 6x6; 2, 3, 4, 5, 6 and 8x8; 2, 3, 4, 5, 6, 8 and 10x10; 2, 3, 4, 5, 6, 8 and 10x15; 2, 3 and 4x20; 2x25—8 pieces each 5, 6, 8 and 10x20; 3, 4, 5, 6, 8 and 10x25. 488 pieces.

Font C—16 pieces each 3, 4, 5, 6, 8 and 10x15; 3, 4, 5, 6, 8 and 10x20; 3, 4, 5, 6, 8 and 10x25. 288 pieces

Font H—6 pieces each 2x4; 2, 3, 4 and 5x5; 2, 3, 4, 5 and 6x6; 2, 3, 4, 5, 6 and 8x8; 2, 3, 4, 5, 6, 8 and 10x10; 2, 3, 4, 5, 6, 8 and 10x15; 2, 3 and 4x20; 2x25—4 pieces each 5, 6, 8 and 10x20; 3, 4, 5, 6, 8 and 10x25. 244 pieces.

Font M—3 pieces each 3, 4 and 5x5; 3, 4, 5 and 6x6; 3, 4, 5, 6 and 8x8; 3, 4, 5, 6, 8 and 10x10; 3, 4, 5, 6, 8 and 10x15;

3 and 4x20—2 pieces each 5, 6, 8 and 10x20; 3, 4, 5, 6, 8 and 10x25. 98 pieces.

Font N—3 pieces each 2x4; 2, 3, 4 and 5x5; 2, 3, 4, 5 and 6x6; 2, 3, 4, 5, 6 and 8x8; 2, 3, 4, 5, 6, 8 and 10x10; 2, 3, 4, 5, 6, 8 and 10x15; 2, 3 and 4x20; 2x25—2 pieces each 5, 6, 8 and 10x20; 3, 4, 5, 6, 8 and 10x25. 122 pieces.

Font S, for No. 3728 Hamilton Furniture Cabinet (Old No. 10 Midget)—5 pieces of each length and width in the following assortment: 2, 3, 4, 5, 6, 8 and 10 ems wide, and 10, 15, 20, 25, 30, 40, 50 and 60 ems long. 280 pieces.

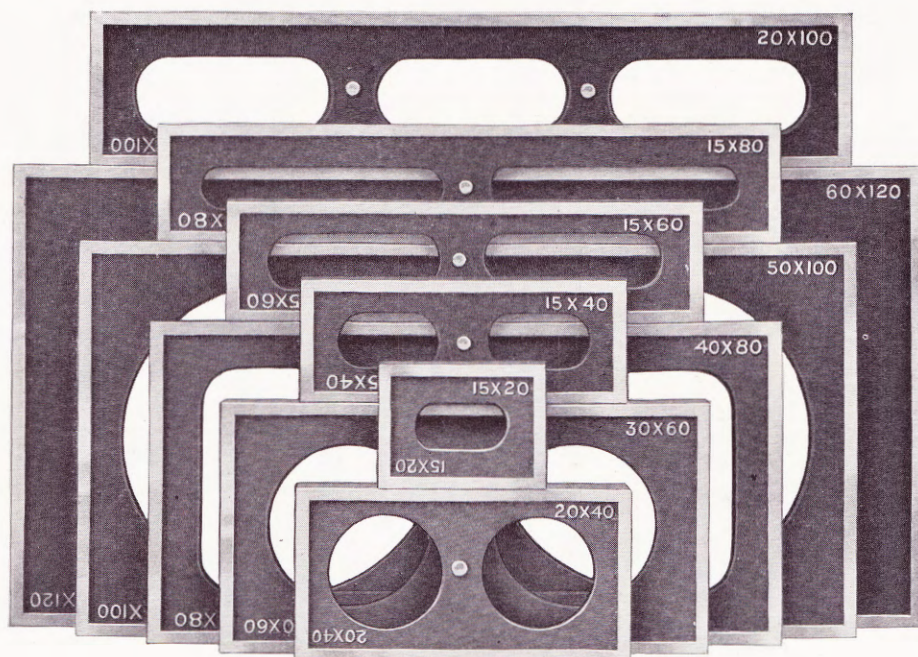
Font W, for American Cut-Cost Locking-Up Materials Cabinet, No. 527 (Steel); No. 9085 (Wood)—120 pieces each 2x6, 2x8, 2x10, 2x15, 2x20; 105 pieces each 3x6, 3x8, 3x10, 3x15, 3x20; 85 pieces each 2x25, 2x30; 75 pieces each 3x25, 3x30, 4x6, 4x8, 4x10, 4x15, 4x20; 60 pieces each 2x40, 2x50, 5x6, 5x8, 5x10, 5x15, 5x20, 6x6, 6x8, 6x10, 6x15, 6x20; 55 pieces each 4x25, 4x30; 45 pieces each 5x25, 5x30, 6x25, 6x30, 8x8, 8x10, 8x15, 8x20; 40 pieces each 3x40, 3x50; 35 pieces each 8x25, 8x30, 10x10, 10x15, 10x20; 30 pieces each 4x40, 4x50; 25 pieces each 10x25, 10x30; 24 pieces each 5x40, 5x50; 20 pieces each 6x40, 6x50; 15 pieces each 8x40, 8x50; 12 pieces each 10x40, 10x50. 3517 pieces.

Other fonts are furnished to fill Cut-Cost Cabinets, thus: No. 546-K, 1278 pieces, described on page 1031, and Nos. 9085-F, 3517 pieces, and 9085-G, 1759 pieces, described on page 1047. These fonts contain widths of 2, 3, 4, 5, 6, 8 and 10 picas, and lengths of 6, 8, 10, 15, 20, 25, 30, 40 and 50 picas.

Labor-Saving Cast Iron Furniture may also be obtained in a variety of fonts smaller than those listed above. It can also be obtained in sorts. Ask for information and prices.

MAMMOTH IRON FURNITURE

LIGHT, ACCURATE AND INDESTRUCTIBLE



Mammoth Iron Furniture is made on the point system, in sixty-five mammoth sizes, ranging from 15x15 to 60x120 ems pica. A great convenience in dressing out a large chase when locking up a small or open form, or in locking a small chase on the press bed. In book or catalogue work and when making up forms for color work, one piece of Mammoth Furniture of the right size will fit into the space left vacant by the removal of a whole page. This feature effects a great saving of time in make-up. Mammoth Iron Furniture is sold by the font or by the piece, as desired.

MADE IN SIXTY-THREE REGULAR AND TWO *EXTRA SIZES (SPECIAL SIZES TO ORDER)

15x15	15x45	20x30	20x 70	25x25	25x 60	25x120	30x 60	30x120	40x 70	*45x45	50x 80	60x 70
15x20	15x50	20x40	20x 80	25x30	25x 70	30x 30	30x 70	40x 40	40x 80	*45x50	50x 90	60x 80
15x25	15x60	20x45	20x 90	25x40	25x 80	30x 40	30x 80	40x 45	40x 90	50x50	50x100	60x 90
15x30	20x20	20x50	20x100	25x45	25x 90	30x 45	30x 90	40x 50	40x100	50x60	50x120	60x100
15x40	20x25	20x60	20x120	25x50	25x100	30x 50	30x100	40x 60	40x120	50x70	60x 60	60x120

CHALLENGE AND MAMMOTH IRON FURNITURE IN LABOR-SAVING FONTS

Font No. 1—Four pieces each of all the sixty-three regular sizes shown above; 252 pieces, 110 square feet.

Font No. 2—Two pieces each of all the sixty-three regular sizes given in Font No. 1; 126 pieces, 55 square feet.

Font No. 3—Four pieces each of all the sixty-three regular sizes given in Font No. 1, with four extra pieces each of 15x15, 15x20, 15x25, 15x30, 20x25, 25x30, 45x45 and 45x50; 284 pieces, 115 square feet.

Font No. 4—Same as Font No. 3, but double the quantity.

Font No. 5—Two pieces each of the sizes given in Font No. 2, but omitting the 70 and 90 em lengths; 102 pieces, 42 square feet.

Font No. 6—Two pieces each of the sizes given in Font No. 2, but omitting the 70, 90, 100 and 120 em lengths; 78 pieces, 22 square feet.

Font No. 7—Two pieces each 15, 20, 25, 30, 40, 45, 50 and 60 ems long by 15, 20, 25 and 30 ems wide; 52 pieces, 16 square feet.

CABINETS FOR MAMMOTH IRON FURNITURE

Cabinets for holding different sized fonts of Mammoth Iron Furniture can be supplied on short notice.

Send for descriptive circular and prices of Mammoth Iron Furniture and Cabinets

INTERLOCKING STEEL FURNITURE

EXCEPTIONALLY VALUABLE FOR BLANK WORK

Interlocking Steel Furniture has been in use for many years, and is one of the greatest labor-savers ever introduced to the printing trade. It is a well tried and useful device for saving time in the making up and locking up of printing forms. It is made from especially cold-drawn steel, accurate in every dimension to the thousandth part of an inch, and cut to accurate lengths with milled notched ends, which can be quickly set around blank spaces instead of filling them in the ordinary way with wood or metal furniture. For color and blank work it is exceptionally valuable, as it eliminates shrinkage due to changes in temperature. It is practically indestructible, and, being made of steel, always remains accurate. Four pieces each 42 picas long will fill a blank of 49 square inches, weigh but little, can be quickly installed, and will prove more secure with a minimum of pieces. Using larger pieces, eight will fill a blank 12x24 inches, or 288 square inches. The few pieces required for large spaces, its security, and little liability to damage by use or from corrosion, give this steel furniture advantages possessed by no other material used for a similar purpose.

Interlocking Steel Furniture is made of 24, 36, 48 or 54 point steel, $\frac{3}{8}$ inch high, and with either 12 or 18 point notches. Put up in a variety of fonts.

We can supply cabinets for holding various sized fonts of Labor-Saving Cast Iron Furniture and Interlocking Steel Furniture. Write for prices and information.



No. 1—24 PT. STEEL WITH ONE 12 PT. NOTCH



No. 2—36 PT. STEEL WITH TWO 12 PT. NOTCHES



No. 3—36 PT. STEEL WITH ONE 18 PT. NOTCH



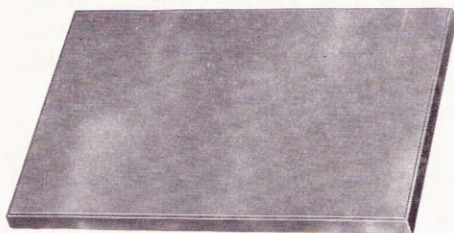
No. 4—48 PT. STEEL WITH THREE 12 PT. NOTCHES



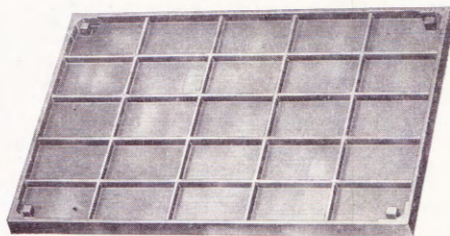
No. 5—54 PT. STEEL WITH TWO 18 PT. NOTCHES

IRON IMPOSING SURFACES

THE CHEAPEST IN THE LONG RUN



TOP OF SURFACE FOR IMPOSING TABLE



UNDERSIDE, SHOWING REINFORCEMENTS

Iron Imposing Surfaces are made for all standard sizes of tables. For imposing tables for job and book work they are furnished rabbeted on four edges, unless otherwise ordered. For newspaper make-up tables they are furnished flush (without rabbet), unless otherwise ordered. For other tables it is necessary to specify whether they are required without rabbet, or with rabbet on one or both lengthwise edges, or with rabbet all around. The rabbet is $\frac{3}{32} \times \frac{9}{16}$ in. Prices of the various sizes quoted upon request.

MARBLE IMPOSING SURFACES

HIGHLY POLISHED AND DURABLE

Marble Imposing Surfaces are highly polished, durable and adequately answer the purpose in medium and small printing offices. We handle the product of the best quarries only and will be pleased to quote prices on your requirements. Write for information.

THE M. & W. JOB PRESS LOCKS

SAVE TIME AND MATERIAL

The M. & W. Job Locks are made in five sizes: 1½, 2, 3, 4 and 5 inches. Any space inside a chase from 9 ems to 50 ems pica can be filled and locked-up in much less time than with the customary furniture and quoins. The pressure is applied with a screw, so designed that it cannot work loose. Vibration does not affect them. The advantages offered by the use of M. & W. Job Locks are the very few pieces required to lock-up a form and the simple method of doing the work. The accompanying illustration below shows one way the locks may be used in connection with iron or metal furniture. With the use of these M. & W. Job Locks this form can be properly locked up for the press in less time than one minute. Every printshop needs them.

The M. & W. Job Locks will also be found a great convenience as well as a time-saver when used in connection with iron or wood furniture in locking-up open forms, such as blank-book headings, covers, etc. The accuracy of the M. & W. Job Locks is so absolute that they will be found of great assistance in registering forms on the press.

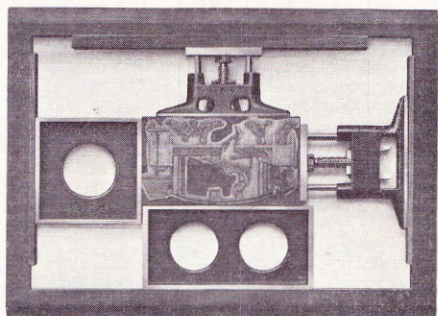
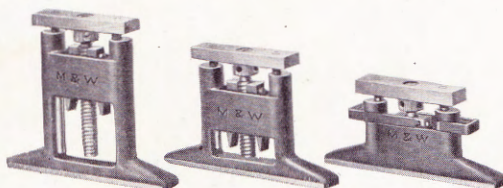


ILLUSTRATION SHOWING HOW THE
M. & W. JOB LOCKS ARE USED



THE M. & W. JOB PRESS LOCKS

Send for pamphlet describing and illustrating the complete Morgans & Wilcox Locking-Up System which includes the M. & W. Lock Furniture, which gives a good lock-up in a 4-pica space. Made in widths from 4 to 10 picas; lengths 25 to 130 picas. The advantages of this system are outstanding. No argument or prejudice can get around the fact. It makes considerable difference in a month or a year whether a workman picks up 300 pieces of locking-up material or 100 pieces, when preparing large forms for press. M. & W. Form-Locking System is extensive and complete, and provides time-saving materials

for locking-up forms for both job and cylinder presses. The pamphlet illustrates and describes just how the various locking-up units may be used to greatest advantage.

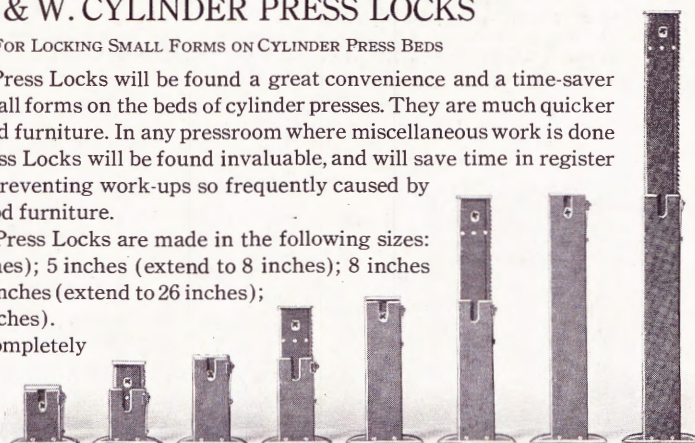
M. & W. CYLINDER PRESS LOCKS

FOR LOCKING SMALL FORMS ON CYLINDER PRESS BEDS

The M. & W. Cylinder Press Locks will be found a great convenience and a time-saver when used for locking small forms on the beds of cylinder presses. They are much quicker and safer to use than wood furniture. In any pressroom where miscellaneous work is done the M. & W. Cylinder Press Locks will be found invaluable, and will save time in register and make-ready and in preventing work-ups so frequently caused by the use of inaccurate wood furniture.

The M. & W. Cylinder Press Locks are made in the following sizes: 3 inches (extend to 5 inches); 5 inches (extend to 8 inches); 8 inches (extend to 14 inches); 14 inches (extend to 26 inches); 22 inches (extend to 36 inches).

Write for pamphlet completely describing the M. & W. line of cylinder and job press locks. Ask for quotations.

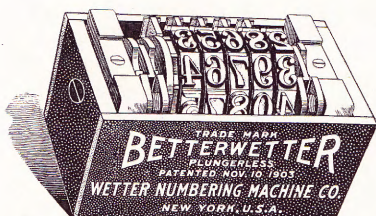


M. & W. CYLINDER PRESS LOCKS

BETTER-WETTER NUMBERING MACHINE

A PLUNGERLESS NUMBERING DEVICE

For use with or without type on printing presses. It is the only typographic numberer that prints nothing but the figures, without "No.," a period, or any other prefix or suffix intended to act as a plunger or to prevent the printed sheet from being smeared by the revolving figures. The pressure of the platen or cylinder on the figures operates the mechanism which changes the numbers and also brings into action ingenious bearers which rise automatically and hold the printed sheet off the figures while they are changing; these bearers do not print on or indent the paper.



BETTER-WETTER (PLUNGERLESS)

The Better-Wetter is made of the best materials throughout and all parts are hardened where necessary, insuring great durability, perfect accuracy, and long life. All machines in the following list are type high and $1\frac{1}{32}$ inches wide, the length varying according to style of figures selected. Order by model number.

PRICES AND DATA OF BETTER-WETTER NUMBERING MACHINES

Model	Number of Wheels	Length Inches	Price	Model	Number of Wheels	Length Inches	Price
326	6	$1\frac{1}{16}$	\$36.00	348	6	$1\frac{1}{16}$	\$37.00
327	7	$2\frac{1}{16}$	39.00	349	7	$2\frac{1}{16}$	40.00
330	5	$1\frac{1}{16}$	33.00	365	5	$2\frac{1}{16}$	35.00
331	6	$2\frac{1}{16}$	36.00	—	—	—	—

STYLE OF FIGURES
BETTER-WETTER

Models 326 and 327

123568

Models 330 and 331

67890

Models 348 and 349

35890

Model 365

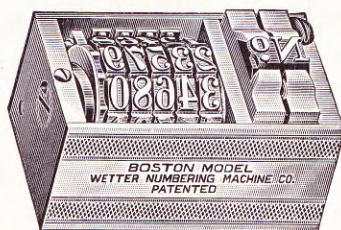
12345

BOSTON MODEL WETTER NUMBERING MACHINE

MADE IN TWO SIZES: FIVE AND SIX WHEELS

This model is made of steel throughout; parts liable to wear are hardened; wheels are equipped with ciphers of improved construction and are guaranteed not to get low. Has "roughed" side plates, hold-down screw, removable "No." slides, and can be depended on for wearing qualities and accurate work. Made in two sizes only. As regularly made, all models number forward, but can be constructed to number backward on special order, without extra charge.

No. 12356
FACSIMILE IMPRESSION



BOSTON MODEL

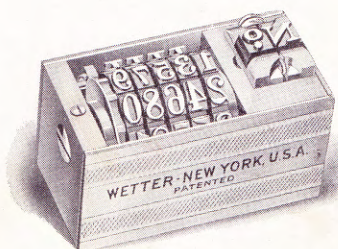
Boston Model No. 1, five wheels.....\$16.00 Boston Model No. 2, six wheels.....\$18.00

THE MIDGET WETTER NUMBERING MACHINE

MADE IN TWO SIZES: FIVE AND SIX WHEELS

Made entirely of steel, and is the smallest type-high numbering machine made. Designed to meet the demand for a small machine with figures large enough for ordinary commercial uses, it can be depended on for accurate work.

The Midget Wetter has an attachment for printing any one number, any number of times, without taking it from the form. "No." slide preceding figures can be removed without taking machine from form.



MIDGET WETTER, SIZE $1\frac{1}{16} \times 1\frac{1}{8}$ IN.

STYLE OF FIGURES
MIDGET WETTER

Model 115

32356

Model 116

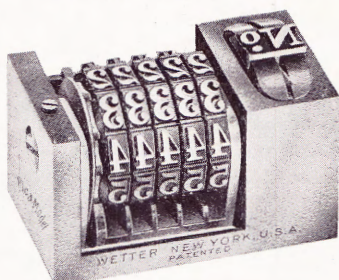
123687

Midget Wetter, Model 115, five wheels.....\$30.00 Midget Wetter, Model 116, six wheels.....\$32.00

PICA MODEL WETTER NUMBERING MACHINE

MADE IN TWO SIZES: FIVE AND SIX WHEELS

The Pica Model Wetter Numbering Machine has been on the market for a number of years and has proven a popular and satisfactory typographic numbering machine. It is type-high and can be locked in a form, the same as type, to number and print at one impression. It is constructed of steel throughout.



PICA MODEL NUMBERING MACHINE

Among the exclusive good features incorporated in the Pica Model Wetter Numbering Machine is the patented drop cipher that always prints clearly when required, placing this low priced machine in a class by itself when compared with other numbering devices. It is made without side plates, and the shaft on which the wheels revolve does not have a screw thread on the end. This reduces the cost of manufacture and enables the Pica Model to be sold at a low price.

No. 1—5 wheels ($\frac{7}{8}$ in. wide, $1\frac{1}{2}$ in. long).....\$16.00
No. 2—6 wheels ($\frac{7}{8}$ in. wide, $1\frac{1}{2}$ in. long)..... 18.00

AMERICAN NUMBERING MACHINE

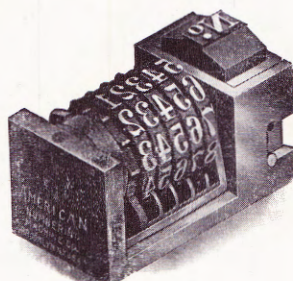
MADE IN THREE SIZES: FIVE, SIX AND SEVEN WHEELS

The American Numbering Machine No. 30 is a model designed to be locked in a form, the same as type, either with or without type matter. The printing face of the figures is exactly type-high and as the impact of the press takes place the plunger is depressed and the succeeding number is brought into printing position, ready for inking. The plungers are made of bar steel and constructed in one piece. Machines are fitted with steel wheels and are engraved with figures as shown in illustration. Drop-ciphers are constructed of tool steel and are guaranteed. All parts are quickly released and machines are easily reassembled. Skipping unit wheels are furnished, skipping automatically any number desired from 1 to 10, interchangeable with regular consecutive unit wheels. Model No. 30 is $1\frac{1}{32}$ inches long by $\frac{7}{8}$ inch wide and numbers forward.

No. 12345

IMPRESSION OF FIGURES

brought into printing position, ready for inking. The plungers are made of bar steel and constructed in one piece. Machines are fitted with steel wheels and are engraved with figures as shown in illustration. Drop-ciphers are constructed of tool steel and are guaranteed. All parts are quickly released and machines are easily reassembled. Skipping unit wheels are furnished, skipping automatically any number desired from 1 to 10, interchangeable with regular consecutive unit wheels. Model No. 30 is $1\frac{1}{32}$ inches long by $\frac{7}{8}$ inch wide and numbers forward.



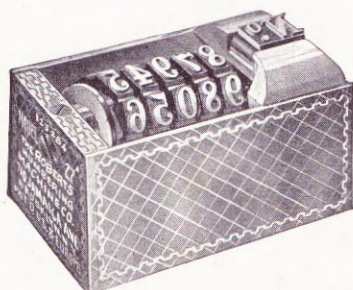
AMERICAN NUMBERING MACHINE

American Model No. 30—5 wheels.....\$16.00 American Model No. 31—6 wheels.....\$18.00
American Model No. 31—7 wheels.....\$22.00

ROBERTS NUMBERING MACHINE

MADE IN THREE SIZES: FIVE, SIX AND SEVEN WHEELS

The Roberts Model 27 Numbering Machine is generally used by printers for ordinary job work. This machine is constructed to be used with any press made to print from type; also furnished to number backwards so as to avoid turning the sheets. For numbering checks, orders, strip tickets, etc., skipping wheels are necessary. These skip automatically any number from 1 to 10 and are interchangeable with regular consecutive unit wheels. The No. 27



ROBERTS NUMBERING MACHINE
MODEL 27

Numbering Machine is operated by a steel spring of great power and unusual elasticity, insuring correct numbering without the necessity of constantly watching the sheet. This numbering machine may be taken apart in a minute for cleansing and is as quickly reassembled.

No. 12345

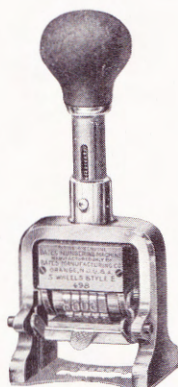
IMPRESSION OF FIGURES

Roberts Numbering Machine Model 27—5 wheels.....\$16.00
Roberts Numbering Machine Model 28—6 wheels..... 18.00
Roberts Numbering Machine Model 28—7 wheels..... 22.00

Write for full information on Roberts, American, Bates and Wetter Numbering Machines

BATES HAND NUMBERING MACHINE

The Bates Hand Numbering Machine will number consecutively, will duplicate each number before passing to the next, or will repeat the same number as often as may be desired. These three different movements are attained by simply moving the pointer on the dial. The machine automatically inks itself after each impression.



BATES HAND
NUMBERING MACHINE

All the printing is done from solid steel type. As there are no ratchet wheels between the figure dies, there is no lost or irregular spacing between figures.

The Bates seven movement machine has the same frame and style as the three movement, except for the dial and the additional movement necessary in a seven movement machine. It numbers consecutive, duplicate, triplicate, quadruplicate, sextuplicate, twelve times, and repeats.

PRICES OF BATES HAND NUMBERING MACHINES

4 wheels, numbering to 9,999.....	\$13.00	Seven movement, 4 wheels.....	\$17.00
5 wheels, numbering to 99,999.....	14.00	Seven movement, 5 wheels.....	18.00
6 wheels, numbering to 999,999.....	16.00	Seven movement, 6 wheels.....	20.00
7 wheels, numbering to 9,999,999.....	19.00	Seven movement, 7 wheels.....	23.00

ROBERTS HAND NUMBERING MACHINE

A MECHANICALLY PERFECT MACHINE

The "regular" Model 49 is a six wheel machine. Each machine is mechanically perfect and accurate in all its working parts before it leaves the factory. A small figure can be furnished in six wheels, or a large figure in five wheels.

PRICES OF ROBERTS HAND NUMBERING MACHINES

Model 49, with 6 wheels, small figures.....	\$7.50
Model 49, with 5 wheels, large figures.....	7.50
Model 49, with 6 wheels, large figures.....	10.00

PARAGON HAND NUMBERING MACHINE

THE MACHINE WITH A VARIETY OF FIGURES

Paragon Hand Numbering Machines are well and favorably known and need but brief description. They are made with five styles of Gothic figures and seven styles of Roman figures. A size and style of figure can be obtained to meet almost any requirement.

PRICES OF PARAGON HAND NUMBERING MACHINES

Five wheels, numbering to 99,999.....	\$12.50
Six wheels, numbering to 999,999.....	14.00
Four wheel and seven wheel machines made to order	

Send for circulars showing the styles of figures that can be obtained for the several numbering machines described here.



ROBERTS HAND
NUMBERING MACHINE
MODEL 49

AMERICAN VISIBLE HAND NUMBERING MACHINE

MADE IN TWO MODELS: No. 41 AND No. 21

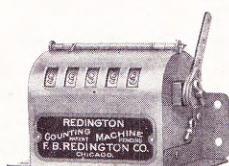
The American Visible Hand Numbering Machine is a new departure in numbering machines. An indicator located in the front of the machine, at a convenient point, shows the number at which the machine is set and changes numbers as they are being made. The operator can tell the next number at a glance. This is a great improvement over other similar machines.

PRICES OF AMERICAN VISIBLE HAND NUMBERING MACHINES

Model No. 41—6 wheels, numbering to 999,999 legible figures, three movements (consecutive, duplicate and repeat).....	\$15.00
Model No. 21—6 wheels, numbering to 999,999, nine movements (consecutive, duplicate, triplicate, quadruplicate, quintuplicate, sextuplicate, repeat ten times, twelve times, and repeat indefinitely).....	20.00

COUNTING MACHINES FOR EFFICIENCY

The Counting Machine is an absolute necessity as a part of the equipment of every job and cylinder press in the office. It insures the delivery of a full count to the customer which every office intends and desires to give. It is possible by its use to keep a record of the output of each press per day or week, which record contains data of prime importance in figuring costs per hour or per thousand on the press in question. It helps to keep track of the amount of waste, an important item of expense, the reduction of which makes for efficiency and profits.



REDINGTON COUNTING MACHINE, MODEL A

REDINGTON COUNTING MACHINE

FOR CYLINDER PRESSES

The Redington Counting Machine, Model A, is especially designed for cylinder presses, embossing machines, stamping machines, punch presses, or any automatic machine where a correct count is required. The arrangement of the flanges permits attaching the counter to wall or stand. Counts from 1 to 100,000.

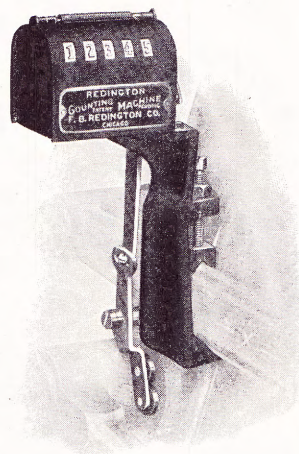
Model A—Size $3\frac{1}{4} \times 2\frac{1}{2} \times 2\frac{1}{2}$ inches.....\$6.25

REDINGTON COUNTING MACHINE

FOR CHANDLER & PRICE PRESSES

The Model D Redington Counter is for C. & P. Presses *only*. It counts only when impression is taken, and is easily and quickly attached to C. & P. Presses of all sizes. No drilling or removing of parts necessary. Is secure after attaching and in plain view of operator. Counts from 1 to 100,000. Will not jump or repeat. Easily and quickly turned back to zero, or set at any number. No key necessary. The figures are large and can be readily seen at a distance.

Model D—Packed in a substantial box, complete.....\$6.75

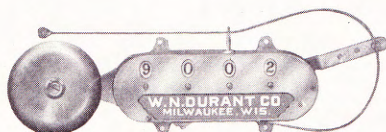


REDINGTON COUNTING MACHINE MODEL D, FOR C. & P. PRESSES

DURANT COUNTING MACHINES

MODELS A, B AND D

The Durant Counting Machines are made of steel, iron and brass, and the workmanship is of the very finest. All the parts are interchangeable. The dials are of enamel and have large black figures that can readily be read at a distance. Can be quickly reset to zero or any number. A bracket is furnished with each machine for convenience in securing it to the feed board of the press.



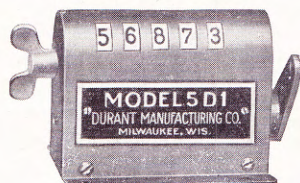
DURANT ALARM COUNTER, MODEL 4A5

Model 5D1 Durant Counter (the Productimeter), as illustrated, is intended especially for job presses. Every part that carries a strain is of hardened steel and permits of a constant speed of over 400 strokes per minute, without the slightest inaccuracy, breakage or appreciable wear.

PRICES OF DURANT COUNTING MACHINES

Model 4A1, 4 dial	\$5.10
Model 5A1, 5 dial	6.00
Model 6A1, 6 dial	7.20
Model 4A5, 4 dial, with Alarm.....	11.05
Model 5A5, 5 dial, with Alarm.....	12.75
Model 5B1, 5 dial	7.50
Model 5B1, 5 dial, with attachment for Golding or Pearl Presses.....	12.50
Model 5D1, 5 dial	4.95
Model 5D1, 5 dial, with attachment for Universal or Colt's Army Type Presses	10.00

Alarm Counters ring at each 50, 100, 500 or 1000, as ordered. The above are all the original Durant models. Models B and D all have Instantaneous Reset

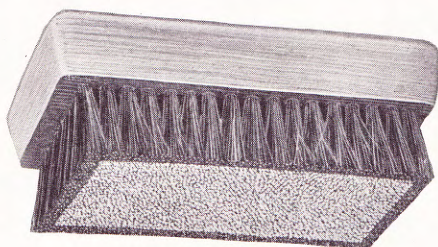


DURANT 5D1 (PRODUCTIMETER) COUNTING MACHINE

AMERICAN ~~Stapleset~~ PLATE BRUSH

WILL NOT SCRATCH THE FINEST HALFTONE

The American Plate Brush is made in two sizes to accommodate both the job pressroom and the cylinder pressroom. The body of the American Plate Brush is made of fine brass wire of such delicate fibre that it will not scratch the finest type face or halftone. Around the edges of the



AMERICAN STAPLESET PLATE BRUSH

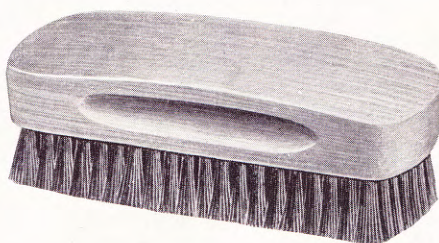
brush is placed a row of bristles which prevents edges turning over and wire becoming matted, as is the case with all-wire brushes. The bristles also act as a wiper after the wire portion of the brush has picked out the sediment in a halftone, electrotpe or type matter. The American Plate Brush is the only perfect plate-cleaning brush on the market. Thousands of them are in daily use and giving entire satisfaction. No printing office is entirely complete without one or more of these brushes.

American Plate Brush No. 1, size $2\frac{3}{8} \times 4\frac{1}{8}$ inches, each .. \$1.00
American Plate Brush No. 2, size $2\frac{7}{8} \times 6\frac{1}{8}$ inches, each .. 2.25

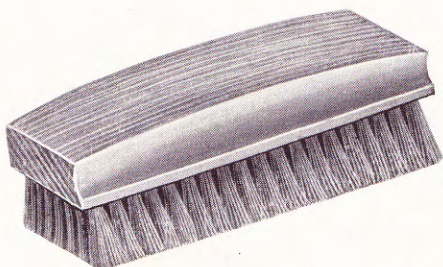
AMERICAN ~~Stapleset~~ PERFECTION BENZINE BRUSH

This without doubt is the best Benzine Brush on the market. Size $5 \times 2\frac{1}{8}$ inches. Made with ten rows of pure China bristles. Solid hardwood back, in natural finish. A superior brush at a medium price.

Price.....\$0.60



AMERICAN STAPLESET PERFECTION BENZINE BRUSH



AMERICAN STAPLESET OVAL BACK BENZINE BRUSH

AMERICAN ~~Stapleset~~ BENZINE BRUSH

American Stapleset Oval Back Benzine Brush is the old reliable benzine brush, size $5\frac{1}{8} \times 2\frac{1}{4}$ inches. Made with solid hardwood back and black bristles. Supplied in two lengths of bristles.

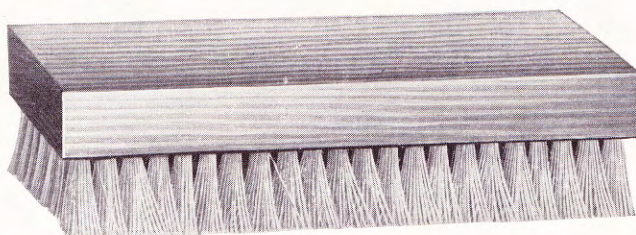
No. 1 Oval Back Benzine Brush, long bristles.....\$0.50
No. 1 Oval Back Benzine Brush, short bristles..... .50

AMERICAN ~~Stapleset~~ TAMPICO LYE BRUSH

The American Stapleset Tampico Lye Brush is sturdy and serviceable. Made of best white tampico, solid back.

Size of brush $2\frac{3}{8} \times 7\frac{3}{4}$ inches.

No. 8, Medium.....\$0.35
Stapleset Tampico No. 7, small
($2\frac{3}{8} \times 5\frac{1}{8}$ inches)..... .30
Stapleset Tampico No. 9, large
($2\frac{7}{8} \times 7\frac{3}{4}$ inches)..... .40



AMERICAN STAPLESET TAMPICO LYE BRUSH

Send for circular showing complete line of brushes used in the printing office

SUCCESS BENZINE CANS

Success Benzine Cans are made in two sizes: pint and quart. They are strong and durable, being made of extra heavy brass. The Success Benzine Can is unquestionably the most popular container on the market and thousands are in use in printing offices and wherever benzine cans are required.

One pint can.....\$1.00 One quart can.....\$1.25



McNUTT NON-EXPLOSIVE BENZINE CAN

The McNutt Non-Explosive Benzine Can is a high grade, safe benzine can, made in both steel and brass. It has been used with confidence in the largest and best printing offices in the country for a number of years.

PRICES AND SIZES OF McNUTT NON-EXPLOSIVE BENZINE CANS

Half pint, steel.....\$1.10	One quart, steel.....\$2.00	One pint, brass.....\$1.50
One pint, steel.....1.40	Half pint, brass.....1.25	One quart, brass.....2.00

JUSTRITE NON-EXPLOSIVE BENZINE CANS

Justrite Non-Explosive Benzine Cans meet all requirements of the Board of Fire Underwriters as a protection to life and property. An ingenious device in the top of the can prevents the liquid from escaping unintentionally, making the can entirely safe.

The larger cans are generally used for storage purposes, while the smaller sizes may be safely handled in the composing room or pressroom. They are made in six sizes.

PRICES OF JUSTRITE NON-EXPLOSIVE BENZINE CANS

One pint size.....\$1.80	One gallon size.....\$3.00
One quart size.....2.00	Three gallon size.....5.00
Two quart size.....2.50	Five gallon size.....6.00



THREE GALLON CAN



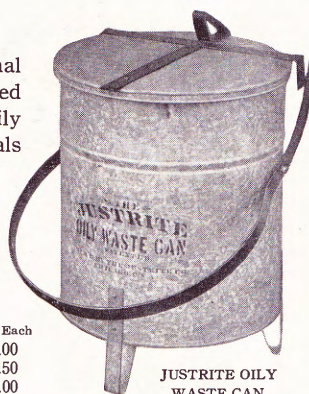
QUART CAN

JUSTRITE OILY WASTE OR RAG CAN

Justrite Oily Waste Cans bear the official label of the National Board of Fire Underwriters, thus insuring protection not afforded by the use of inferior oily waste cans. It is the only automatic oily waste can made, and the patented foot lever is novel and appeals to all users. A slight pressure of the foot raises the cover, leaving both hands free to insert the rags. This obviates all desire to block the cover open and greatly increases its efficiency over all others. On the removal of the foot from the handle the cover closes automatically. It is easy to carry, absolutely safe, convenient, clean and durable.

Size Exclusive of Legs

No. 1—11¼x13 inches.....	Price Each.....\$4.00
No. 2—12½x14 inches.....	4.50
No. 3—13½x15 inches.....	5.00



JUSTRITE OILY WASTE CAN

McNUTT OILY WASTE CAN

The McNutt Oily Waste Can completely fills the bill for a moderately priced can that will stand the wear and tear of the average printing office. It is as safe as it is possible to make a can, as thousands of discriminating users will testify.

No. 1—11¼x14¼ inches.....\$3.25	No. 5—17x24 inches.....\$6.00
No. 2—12¼x18 inches.....3.50	No. 6—18x26 inches.....8.00
No. 3—14x20 inches.....4.00	No. 7—20x30 inches.....10.00
No. 4—14x22 inches.....4.50	No. 8—24x36 inches.....14.00

GAUGE PINS FOR PLATEN PRINTING PRESSES

Gauge Pins are probably more used to-day than ever before. They are really a necessity in most printing offices. They are inexpensive and save considerable time in make-ready. We have a large assortment of the very best lines made.



This is the Original Steel Gauge Pin

ORIGINAL STEEL GAUGE PIN

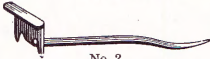
The Original Steel Gauge Pin is simplicity in itself and a general favorite with many pressmen.
Price, in four sizes, either one size or assorted, per dozen.....\$0.90



No. 2

GOLDEN STEEL GAUGE PINS

For the general run of work the Golden Steel Gauge Pin is the most popular pin on the market.
Price, either size, not assorted, per dozen.....\$0.90



No. 2



No. 6

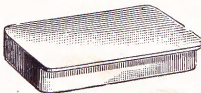
SPRING TONGUE GAUGE PIN

Spring Tongue Gauge Pins, being elastic, will not break readily under pressure.
Price, per set of three, with an extra long tongue with each pin.....\$0.50
Per dozen.....1.80
Extra tongues, long or short, per dozen......35



Short Tongue

SOLID BRASS GAUGE
This is a job press guide or gauge made of solid brass. It is 12 point, and when glued to the tympan is an effective guide.
Price, per dozen.....\$1.00



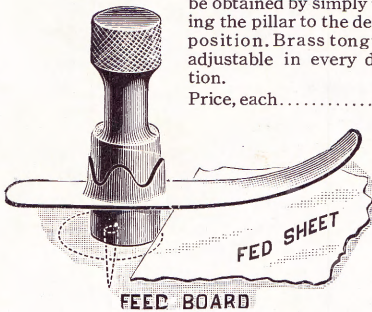
SCREW ADJUSTING GAUGE PIN

Screw Adjusting Gauge Pins have knurled part at the base for fine adjustment. Maximum adjustment, 1/2 in.
Price, set of three including one dozen flat tongues.....\$2.50



CYLINDER SIDE GUIDE

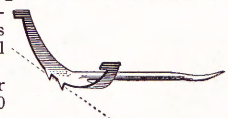
Secured to the feed board by the sharp point, as shown in the outline in cut, which is placed at the side of pillar, so that hair adjustments may be obtained by simply turning the pillar to the desired position. Brass tongue is adjustable in every direction.
Price, each.....\$1.00



Complete directions for use of Gauge Pins, Gauges, etc., are printed and sent buyer when order is filled.

FLEXIBLE SIDE GAUGE PIN

The Flexible Side Gauge Pin will bend under the grippers without breaking. It has teeth and is adjusted in the usual manner.
Price, per dozen, with or without lips.....\$0.90



BRASS GAUGE PIN

The Brass Gauge Pin is a superior gauge pin for tough work. Sizes made: Nos. 1, 2, 3, 4 and 6.
Price, per dozen.....\$0.90



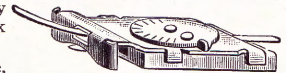
LOW GAUGE PIN, FLEUR-DE-LIS

A unique steel gauge pin with a low head, about six points high, and a long upturned lip. Made also with a straight-out lip, suitable for proofing or printing from thin plates.
Price, either style, per set of three.....\$0.25
Price, either style, per dozen......90



PERFECT REGISTER GAUGE

The Perfect Register Gauge is especially designed for making very fine and quick adjustments.
Price of Gauge, per set of three, and including one dozen flat tongues.....\$2.50
Flat tongues, long and short, per packet......35



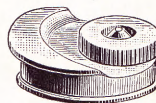
DOUBLE GRIP GAUGE

Attached to the tympan without the use of prongs, glue or paste, sheets cannot be fed under gauge-head.
Price, set of 3.....\$2.50



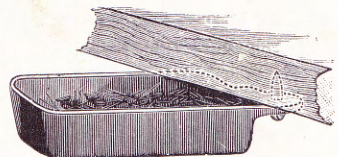
ECCENTRIC STUD GAUGE

This gauge is provided with a fixed lip instead of an adjustable tongue. The face is round instead of flat. It is made fast to the tympan by a knurled nut which draws a circular plate against the underside of the tympan and binds whole together.
Price, per set of three.....\$2.00



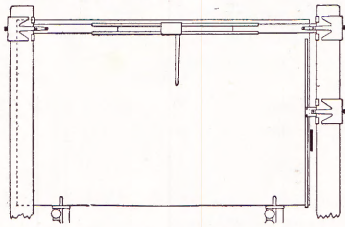
IRON GAUGE PIN DRAWER

Screws under feed board of press. Size 2 1/2 x 3 1/2 x 3/4 in.
Price each, with screw \$0.50

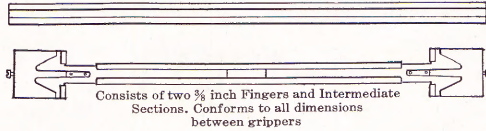


GRIPPER CROSSBARS AND GRIPPER FINGERS

Gripper Crossbars and Gripper Fingers are designed for platen presses and can be quickly applied and adjusted. The Crossbar is the first invention to completely cross the platen and conform to all spaces between the grippers without extending outside.



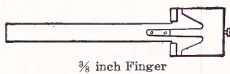
Crossbar with Down Finger applied. Also an Inside Marginal Finger which admits a side gauge with a narrow head between it and the gripper



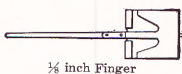
Consists of two $\frac{3}{8}$ inch Fingers and Intermediate Sections. Conforms to all dimensions between grippers



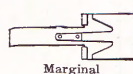
$\frac{3}{8}$ inch Gripper Finger, 1 inch opening, reduced one-half. The fingers lie between the type matter without smashing leads or quads



$\frac{3}{8}$ inch Finger

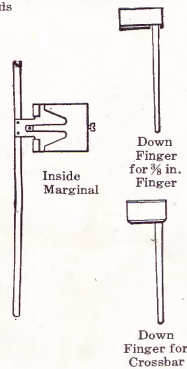


$\frac{3}{8}$ inch Finger



Marginal

The device consists of two $\frac{3}{8}$ inch Fingers and intermediate sections of different lengths which slide with spring tension upon the Fingers. The Fingers are made in various shapes and may be used either singly or collectively. They lie between the type matter without smashing leads or quads. The Down Fingers extend vertically over the sheet and may be adjusted to do effective work anywhere between the grippers. The Marginal turns down at the end and nips the sheet. The Inside Marginal extends laterally in both directions over the end of the sheet parallel to the gripper and admits a narrow gauge-head between. Sheets are lapped along the margin in either direction whether wide or narrow. Spaces between matter are also entered from either direction. In printing small forms the left-hand gripper may be equipped and the right-hand gripper set to one side out of the feeder's way. The part of the Gripper Fingers that attaches to the gripper is made with $\frac{3}{8}$, $\frac{1}{2}$ and 1 inch size openings to fit grippers the same in width or narrower. There are frequently occasions, after complicated type forms are put on the press, when the pressman is obliged to resort to makeshift methods in order to obtain the fine results he desires.



Down Finger for $\frac{3}{8}$ in. Finger

Down Finger for Crossbar

PRICES OF GRIPPER CROSSBARS AND GRIPPER FINGERS

	Each		Each
$\frac{3}{8}$ inch Gripper Finger, $\frac{3}{8}$, $\frac{1}{2}$ or 1 inch opening	\$.60	Down Finger for Crossbar	1.75
$\frac{1}{2}$ inch Gripper Finger, $\frac{3}{8}$, $\frac{1}{2}$ or 1 inch opening	.60	Crossbar for all size presses up to 10x15	2.00
Marginal Finger, $\frac{3}{8}$, $\frac{1}{2}$ or 1 inch opening	.60	Crossbar for presses up to 13x19	2.50
Inside Marginal Finger, $\frac{3}{8}$, $\frac{1}{2}$ or 1 inch opening	.75		
Down Finger for $\frac{3}{8}$ inch Finger	.35		

MEGILL AUTOMATIC REGISTER GAUGE

The Automatic Register Gauge will not only produce absolutely perfect register but will increase the output and save stock. On reference to the illustrations it will be seen that the gauge is complete in itself and, though operated by the gripper, has no connection with it and is free to be placed anywhere. The speed arm touches the gripper near the bottom and, having a lateral motion across it, always works easily and is adapted to any inclination of gripper or platen. All wearing parts are of hardened steel and the device is constructed on the interchangeable system. The finest adjustment can be obtained and no parts are employed which are liable to disarrange during the run. The forward feet prevent the sheets from feeding under the setter-head. A tongue is unnecessary as the lip prevents the sheets from slipping up over the setter-head in feeding. All parts depress to 12 points. The speed arm is needed only when running. It is applied at the notch and runs easily to position. The pressure of the gripper will not displace it. The illustration shows a 12 point setter-head.

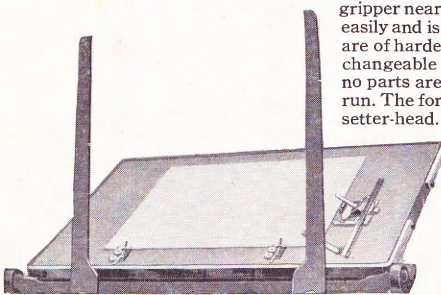


Fig. 1. Platen Open

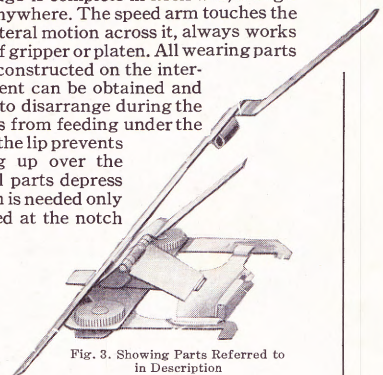
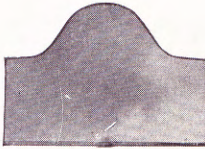


Fig. 3. Showing Parts Referred to in Description

Megill Automatic Register Gauge. Price.....\$7.50

Complete directions for the use of Gauge Pins, Gripper Crossbars and Fingers are supplied to purchasers

STEEL COMPOSING RULES



STEEL MAKE-UP RULE



STEEL COMPOSING RULE



LEATHER POCKET RULE CASE

The Leather Pocket Rule Case is well made of strong brown leather. It has patent clasp and contains 12 steel composing rules.

Sizes: 10, 12, 13, 14, 15, 16, 18, 21, 24, 26½, 28 and 30 ems pica. Price\$2.50

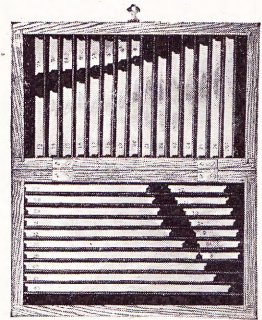
These Steel Composing and Make-up Rules are made from the finest quality tempered steel, highly finished. Sizes and prices:

4 to 15 ems...\$0.20	21 to 25 ems...\$0.30	31 to 35 ems...\$0.40	41 to 45 ems...\$0.50	51 to 55 ems...\$0.60
16 to 20 ems... .25	26 to 30 ems... .35	36 to 40 ems... .45	46 to 50 ems... .55	56 to 60 ems... .65
Extra Thin Composing Rule (10-to-pica), 13 ems.....\$0.20				

PERFECTION RULE SET

The Perfection Set contains 40 spring tempered steel composing rules, numbered 4 to 45 picas, including half-em measures below 10 picas. Rules are fitted in a handsome case strongly made of polished oak, plush lined and nicely finished.

Price\$10.00



PERFECTION RULE SET

COMPOSITORS' TWEEZERS

SAFETY CAPS ARE FURNISHED WITH ALL TWEEZERS WITH THE EXCEPTION OF THE IMPROVED LOCKING TWEEZERS



NO. 3 COMBINATION BODKIN AND TWEEZERS

No. 3 Combination Bodkin and Tweezers. The bodkin folds into the tweezers. Nickel plated. Price....\$1.00



NO. 5 TWEEZERS

No. 5 is the best tweezers at the price; file points; steel; is 4 inches long. Nickel plated. Price.....\$0.50



NO. 7 TWEEZERS

No. 7 and No. 8 are excellent tweezers; tempered steel with file-cut points and backs. No. 7—4 inches long. Nickel plated. Price ..\$0.50



NO. 8 TWEEZERS

This is the No. 8 Tweezers; 4¾ inches long. Price.....\$0.60



NO. 9 IMPROVED LOCKING TWEEZERS

The Improved Locking Tweezers locks and unlocks automatically by holding the points up or down. Nickel plated. Price...\$0.85



NO. 11A TWEEZERS

A good cheap tweezers. Made of polished steel; 3½ inches long. No. 11A. Nickel plated. Price.\$0.30

BODKINS

Steel Needle Bodkin with wooden handle. Price.....\$0.15

ENGRAVERS' TOOLS



NO. 1 V-SHAPED, LARGE, SHARP EDGE



NO. 2 V-SHAPED, SMALL, SHARP EDGE



NO. 3 FLAT, FACE ¼ INCH WIDE



NO. 4 FLAT, FACE ¼ INCH WIDE



NO. 5 OVAL, FACE ¼ INCH WIDE



NO. 6 DIAMOND, ⅝ INCH SQUARE

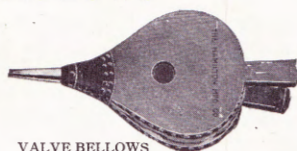
Set of six in box.....\$2.50

CYLINDER AND VALVE BELLOWS



CYLINDER BELLOWS

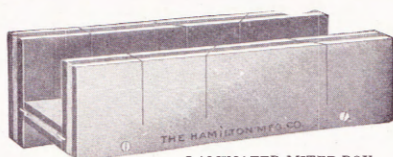
No. 1 Cylinder Bellows, 20 inch. Price.....\$2.25



VALVE BELLOWS

Small Valve Bellows, 8 inch. Price.....\$2.00
Large Valve Bellows, 10 inch. Price..... 2.75

PRINTERS' MITER BOXES



LAMINATED MITER BOX

No. 5891—Miter Box, 2¼ inches wide, 10 inches long. Price...\$0.65
No. 5893—Miter Box, 3 inches wide, 16 inches long. Price.... .80

BACKSAW



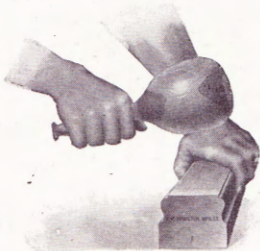
Price.....\$3.00

ROBINSON IMPROVED MALLET

The hammer head of this mallet is ovoid, or egg-shaped. A blow struck upon the planer is always a square blow, which is a most important consideration when taking a proof. There are no sharp corners to wear away, and no danger of its slipping off the planer and marring the type faces.

PRICE AND DIMENSIONS OF ROBINSON IMPROVED MALLET

No. 5822 Hickory, ball 3½x3¼ inches, full length 8 inches\$1.35



THE ROBINSON
IMPROVED MALLET

ALL-RAWHIDE MALLET

All-Rawhide Mallets have heads that are made throughout of rolled rawhide, specially treated, and formed into shape by hydraulic pressure.

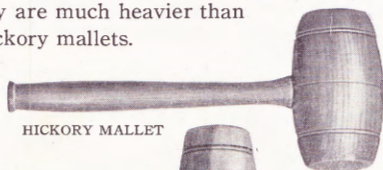


ALL-RAWHIDE MALLET

All-Rawhide Mallet No. 4—2x3½ inches, weight 10 oz.\$1.25
All-Rawhide Mallet No. 10—2x3½ inches, weight 20 oz. (loaded) 1.50
All-Rawhide Mallet No. 5—2¼x4¼ inches, weight 22 oz. 2.75

WOODEN MALLET

All Wooden Mallets are made of thoroughly seasoned and selected stock. The handles are screwed in and mallets are oil finished. The lignum-vitae mallets are especially recommended as they are much heavier than the hickory mallets.



HICKORY MALLET



LIGNUM-VITAE MALLET

PRICES OF WOODEN MALLET

No. 5805 Hickory, small, size 2½x4½ inches\$0.75
No. 5807 Hickory, medium, size 3x5 inches 1.00
No. 5809 Hickory, large, size 3½x6 inches 1.15
No. 5815 Lignum-vitae, size 2¼x3½ inches 1.00
No. 5817 Lignum-vitae, size 3x5 inches 1.25

SHOOTING STICKS



7 inch Iron, nicked, each\$0.75
Hickory, each..... .20

MILLER COMPOSITION MALLET



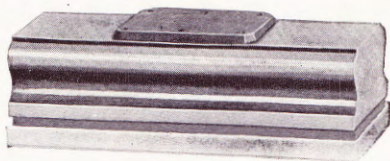
MILLER COMPOSITION
MALLET

The Miller Composition Mallets are of laminated construction and molded in one piece. Handles are second-growth hickory, of special design, and will not work loose and come off.

No. 8—2x3½ in., weight 8 oz., handle 11 in.\$1.00
No. 16—2½x4½ in., weight 16 oz., handle 12 in. 1.30
No. 24—2½x5½ in., weight 24 oz., handle 14 in. 1.70

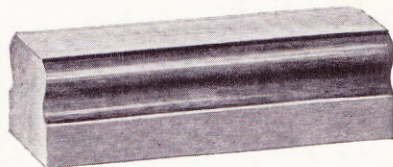
PLANERS FOR PROOFS, TYPE AND SLUGS

Planers are made of the best selected rock maple. The face of the proof planer is covered with a durable quality of felt. The face of the slug planer is covered with corrugated rubber.



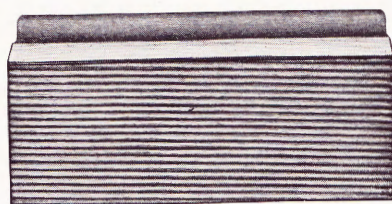
PROOF PLANER

No. 5835—Proof Planer, size $3\frac{1}{2} \times 8$ inches. Price... \$1.10
No. 5837—Proof Planer, size $3\frac{1}{2} \times 8$ inches, with leather top. Price..... 1.25



MAPLE PLANER

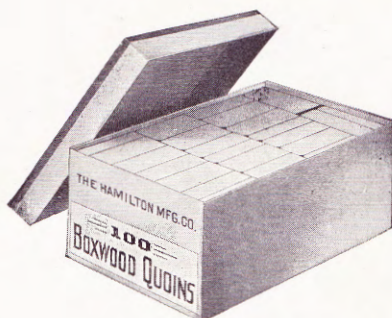
No. 5839—Maple Planer, small, size $3\frac{1}{4} \times 6$ inches. Price..... \$0.45
No. 5841—Maple Planer, large, size $3\frac{1}{4} \times 8$ inches. Price..... .50
No. 5843—Maple Planer, leather top, $3\frac{1}{4} \times 8$ inches. Price..... .65



SLUG PLANER

No. 5847—Slug Planer, size $3\frac{1}{4} \times 6$ inches. Price.... \$0.75

WOOD QUOINS



WOOD QUOINS IN BOX

Wood Quoins are made of hardwood (not boxwood) in lengths of $1\frac{5}{8}$ inches in assorted widths. They are sold in boxes, bags and barrels, as follows:

No. 5869—Hardwood Quoins in box of 100. Weight, $1\frac{3}{4}$ lbs.

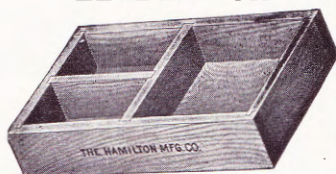
No. 5873—Hardwood Quoins in bag of 500. Weight, 9 lbs.

No. 5877—Hardwood Quoins in bag of 1000. Weight, 18 lbs.

No. 5881—Hardwood Quoins in barrel of 7500. Weight of full barrel, 135 lbs.; per 1000, 18 lbs.

Boxwood Quoins are not kept in stock, but will be furnished to order.

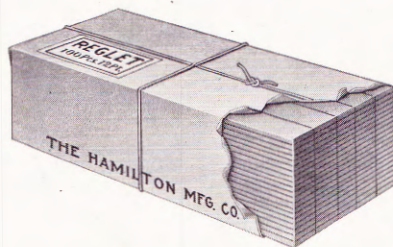
LEADER BOX



HAMILTON LEADER BOX

No. 3185—Hamilton Leader Box, size $5 \times 8 \times 1\frac{3}{4}$ in.... \$0.40

WOOD FURNITURE AND REGLET CUT TO LENGTH



REGLET IN BUNDLE

Wood Furniture and Reglet are regularly supplied in bundles of 100 pieces of the following lengths and widths:

Lengths: 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 125, 140 and 160.

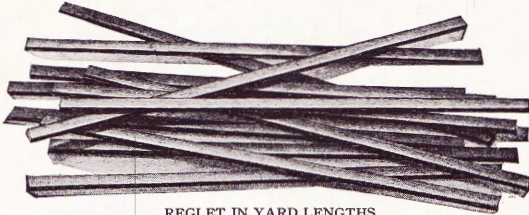
Widths: 6, 8, 10, 12 and 18 point, and 2, 3, 4, 5, 6, 8 and 10 picas.

Fifty pieces of one size is the minimum quantity sold. The price for 50 pieces of one size is advanced 25 per cent on rate for 100 pieces.

Odd lengths are cut to order at the prices of the next longer length.

WOOD FURNITURE AND WOOD REGLET

Wood Furniture and Wood Reglet are kept in stock in yard lengths of the bodies listed in table below. They are made from thoroughly kiln-dried stock on machines especially designed for the purpose, insuring accuracy. Other bodies and lengths are made to order.



REGLET IN YARD LENGTHS

BODIES AND WEIGHTS OF REGLET AND FURNITURE IN STRIPS

Widths	Weight 100 Yards Lbs.	Widths	Weight 100 Yards Lbs.
6 point.....	10	4 line.....	40
12 point.....	12	5 line.....	50
18 point.....	15	6 line.....	60
2 line.....	20	8 line.....	80
3 line.....	30	10 line.....	100

LABOR-SAVING WOOD FURNITURE AND REGLET

The following cabinets and fonts to fill them are sold together or separately. They are fully illustrated and described in Printing Equipments section on pages 1094 to 1096.

REGLET CABINETS WITH CONTENTS	Pieces in Font
No. 3690—Reglet Cabinet with contents	2244
No. 3695—Reglet Cabinet with contents	2244
No. 3729-C—Reglet Cabinet with contents	2100

REGLET IN FONTS TO FILL ABOVE CABINETS	
No. 3734—Labor-Saving Reglet to fill Cabinet No. 3690, 10 to 60 picas, as assorted	2244
No. 3736—Labor-Saving Reglet to fill Cabinet No. 3695, 61 to 160 picas, as assorted	2244
No. 3729-D—Labor-Saving Reglet to fill Cabinet No. 3729-E, 10 to 51 picas, as assorted	2100

WOOD FURNITURE CABINETS WITH CONTENTS	
No. 3700—Wood Furniture Cabinet with contents	432
No. 3705—Wood Furniture Cabinet with contents	432
No. 3710—Wood Furniture Cabinet with contents	972
No. 3715—Wood Furniture Cabinet with contents	972
No. 3720—Wood Furniture Cabinet with contents	1332
No. 3725—Wood Furniture Cabinet with contents	1332
No. 3728—Wood Furniture Cabinet with contents	280
No. 3728-C—Wood Furniture Cabinet with contents	560

No. 3728-J—Wood Furniture Cabinet with contents	765
No. 3728-M—Wood Furniture Cabinet with contents	1530

WOOD FURNITURE TO FILL ABOVE CABINETS

No. 3740—Labor-Saving Wood Furniture to fill Cabinet No. 3700, 10 to 60 picas, as assorted	432
No. 3742—Labor-Saving Wood Furniture to fill Cabinet No. 3705, 70 to 160 picas, as assorted	432
No. 3748—Labor-Saving Wood Furniture to fill Cabinet No. 3710, 10 to 60 picas, as assorted	972
No. 3750—Labor-Saving Wood Furniture to fill Cabinet No. 3715, 70 to 160 picas, as assorted	972
No. 3758—Labor-Saving Wood Furniture to fill Cabinet No. 3720, 10 to 60 picas, as assorted	1332
No. 3760—Labor-Saving Wood Furniture to fill Cabinet No. 3725, 70 to 160 picas, as assorted	1332
No. 3728-A—Labor-Saving Wood Furniture to fill Cabinet No. 3728, 10 to 60 picas, as assorted	280
No. 3728-D—Labor-Saving Wood Furniture to fill Cabinet No. 3728-C, 10 to 60 picas, as assorted	560
No. 3728-K—Labor-Saving Wood Furniture to fill Cabinet No. 3728-J, 10 to 160 picas, as assorted ..	765
No. 3728-N—Labor-Saving Wood Furniture to fill Cabinet No. 3728-M, 10 to 160 picas, as assorted ..	1530

IRON AND WOOD SIDE AND FOOT STICKS

Iron Side Sticks are made, unless otherwise ordered, $\frac{1}{4}$ inch longer than the standard length of form, and Foot Sticks are made $\frac{1}{4}$ inch shorter than standard width of form. If larger than 6 point column rules are used, or columns wider than 13 picas, allowance will have to be made.



IRON SIDE AND FOOT STICK

SIZES OF WOOD SIDE STICKS

	Length	Thick End	Thin End
No. 5923—Extra Thin	1 yd.	$\frac{1}{2}$ in.	$\frac{3}{8}$ in.
No. 5925—Thin	1 yd.	$\frac{3}{4}$ in.	$\frac{1}{2}$ in.
No. 5927—Medium	1 yd.	1 in.	$\frac{7}{8}$ in.
No. 5929—Thick	1 yd.	1 $\frac{1}{2}$ in.	$\frac{1}{4}$ in.

SIZES OF IRON SIDE AND FOOT STICKS

Straight or Beveled. Priced per Inch, any Length

Regular Sizes of Side and Foot Sticks	Length Side Stick	Length Foot Stick	Total Length 2 of Each	Total Length 4 of Each
4 col. folio or quarto	14 $\frac{1}{4}$ in.	8 $\frac{3}{4}$ in.	46 in.	92 in.
5 col. folio or quarto	18 $\frac{1}{4}$ in.	11 in.	58 $\frac{1}{2}$ in.	117 in.
6 col. folio or quarto	20 $\frac{1}{4}$ in.	13 $\frac{1}{4}$ in.	67 in.	134 in.
7 col. folio or quarto	22 $\frac{1}{4}$ in.	15 $\frac{1}{2}$ in.	75 $\frac{1}{2}$ in.	151 in.
8 col. folio or quarto	24 $\frac{1}{4}$ in.	17 $\frac{3}{4}$ in.	84 in.	168 in.
9 col. folio or quarto	26 $\frac{1}{4}$ in.	20 in.	92 $\frac{1}{2}$ in.	185 in.

MAPLE CUTTING STICKS FOR PAPER CUTTERS

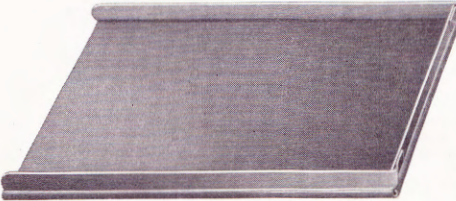
These are furnished for all makes of paper cutters. They are made of seasoned maple. Maximum length is 85 inches. In ordering, the exact measurements of square and of length must be given, or a sample sent. To state the name and size of a paper cutter is not a sufficient description.

PRESSED STEEL GALLEYS

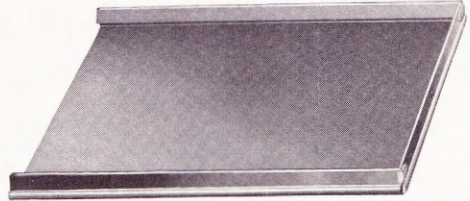
Pressed Steel Galleys are made of cold-rolled steel, polished or galvanized, formed with special machinery to reduce labor cost to the minimum, with electrically welded corners. Rigidity is ensured by the beaded formation under each of the rims.

Pressed Steel Galleys are furnished, to order, with consecutive numbers, either stamped on the back rim of galleys or by number plates attached to back wall of galleys. Galvanized steel galleys are numbered by means of attached plates only. Numbering is extra.

The outside measurements are $\frac{3}{8}$ in. wider than the inside, narrow-wise.



CHALLENGE PRESSED STEEL GALLEY



HAMILTON PRESSED STEEL GALLEY

CHALLENGE PRESSED STEEL GALLEYS

NEWS AND BOOK SIZES

Sizes, inside	Description
13 picas+1 pt.x23 $\frac{1}{4}$ in.	For 13 pica column
2 $\frac{3}{4}$ x23 $\frac{1}{4}$ in.	News single column
3 $\frac{1}{2}$ x23 $\frac{1}{4}$ in.	Single column
3 $\frac{1}{2}$ x11 $\frac{1}{4}$ in.	Half-length single column
26 $\frac{1}{2}$ picas+2 pts.x23 $\frac{1}{4}$ in.	For 26 $\frac{1}{2}$ pica column
6 $\frac{1}{4}$ x23 $\frac{1}{4}$ in.	Double column
6 $\frac{1}{4}$ x11 $\frac{1}{4}$ in.	Half-length double column
8 $\frac{1}{2}$ x23 $\frac{1}{4}$ in.	Triple column
10 $\frac{1}{2}$ x23 $\frac{1}{4}$ in.	Four column

JOB SIZES

6x10 in.	8 $\frac{3}{4}$ x13 in.	10x16 in.	12x18 in.
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MAILING SIZES, CLOSED ENDS

13 picas+1 pt.x22 $\frac{5}{8}$ in.	26 $\frac{1}{2}$ picas+2 pts.x22 $\frac{5}{8}$ in.
2 $\frac{3}{4}$ x22 $\frac{5}{8}$ in.	6 $\frac{1}{4}$ x22 $\frac{5}{8}$ in.
3 $\frac{1}{2}$ x22 $\frac{5}{8}$ in.	8 $\frac{1}{2}$ x22 $\frac{5}{8}$ in.
12x18 in.	

HAMILTON PRESSED STEEL GALLEYS

NEWS AND BOOK SIZES

Sizes, inside	Description
13 picas+1 pt.x23 $\frac{1}{2}$ in.	For 13 pica column
2 $\frac{3}{4}$ x23 $\frac{1}{2}$ in.	News single column
3 $\frac{1}{2}$ x23 $\frac{1}{2}$ in.	Single column
3 $\frac{1}{2}$ x11 $\frac{1}{4}$ in.	Half-length single column
26 $\frac{1}{2}$ picas+2 pts.x23 $\frac{1}{2}$ in.	For 26 $\frac{1}{2}$ pica column
6 $\frac{1}{4}$ x23 $\frac{1}{2}$ in.	Double column
6 $\frac{1}{4}$ x11 $\frac{1}{4}$ in.	Half-length double column
8 $\frac{1}{2}$ x23 $\frac{1}{2}$ in.	Triple column
10 $\frac{1}{2}$ x23 $\frac{1}{2}$ in.	Four column

JOB SIZES

6x10 in.	8 $\frac{3}{4}$ x13 in.	10x16 in.	12x18 in.
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MAILING SIZES, CLOSED ENDS

13 picas+1 pt.x23 $\frac{1}{2}$ in.	26 $\frac{1}{2}$ picas+2 pts.x23 $\frac{1}{2}$ in.
2 $\frac{3}{4}$ x23 $\frac{1}{2}$ in.	6 $\frac{1}{4}$ x23 $\frac{1}{2}$ in.
3 $\frac{1}{2}$ x23 $\frac{1}{2}$ in.	8 $\frac{1}{2}$ x23 $\frac{1}{2}$ in.
12x18 in.	

RIGID RIM STEEL GALLEYS

A superior style of steel galley, with wide rims, spot-welded to bottoms. Numbering is extra.

NEWS AND BOOK SIZES

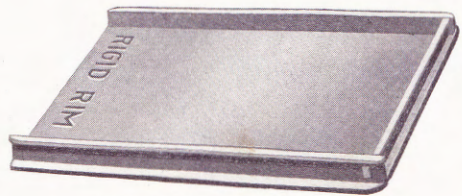
*Sizes, inside	Description
2 $\frac{3}{4}$ x23 $\frac{1}{2}$ in.	News single column
3 $\frac{1}{2}$ x23 $\frac{1}{2}$ in.	Single column
3 $\frac{1}{2}$ x11 $\frac{1}{4}$ in.	Half-length single column
26 $\frac{1}{2}$ picas+2 pts.x23 $\frac{1}{2}$ in.	News double column
6 $\frac{1}{4}$ x23 $\frac{1}{2}$ in.	Double column
6 $\frac{1}{4}$ x11 $\frac{1}{4}$ in.	Half-length double column
8 $\frac{1}{2}$ x23 $\frac{1}{2}$ in.	Triple column
10 $\frac{1}{2}$ x23 $\frac{1}{2}$ in.	Four column
12 $\frac{3}{4}$ x23 $\frac{1}{2}$ in.	Five column
15 x23 $\frac{1}{2}$ in.	Six column
17 $\frac{1}{4}$ x23 $\frac{1}{2}$ in.	Seven column
19 $\frac{1}{2}$ x23 $\frac{1}{2}$ in.	Eight column

JOB SIZES

6x10 in.	†8 $\frac{1}{4}$ x12 $\frac{3}{4}$ in.	10x16 in.	†11 $\frac{1}{2}$ x17 $\frac{3}{4}$ in.
	†9 $\frac{1}{2}$ x15 $\frac{3}{4}$ in.		12x18 in.

*Outside dimensions are $\frac{3}{8}$ in. wider and $\frac{3}{8}$ in. longer than inside dimensions.

†These three sizes will fit in galley cabinets made to take 8 $\frac{3}{4}$ x13, 10x16 and 12x18 in. pressed steel galleys.

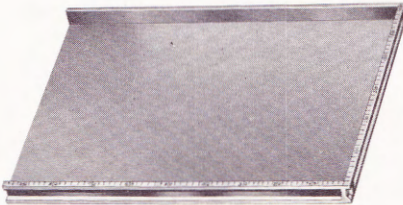


RIGID RIM STEEL GALLEY

MAILING SIZES, CLOSED ENDS

*Sizes, inside	Description
2 $\frac{3}{4}$ x23 $\frac{1}{2}$ in.	News single column
3 $\frac{1}{2}$ x23 $\frac{1}{2}$ in.	Single column
26 $\frac{1}{2}$ picas+2 pts. x23 $\frac{1}{2}$ in.	News double column
6 $\frac{1}{4}$ x23 $\frac{1}{2}$ in.	Double column
8 $\frac{1}{2}$ x23 $\frac{1}{2}$ in.	Triple column

PATENT CORNER ALL-BRASS GALLEYS



PATENT CORNER ALL-BRASS JOB GALLEY



TRIPLE COLUMN PATENT CORNER ALL-BRASS GALLEY



PATENT CORNER ALL-BRASS MAILING GALLEY, $7\frac{1}{2} \times 23\frac{1}{2}$ IN.

All-Brass Galleys of various styles of construction have been put on the market and withdrawn since this standard style was first designed. The Patent Corner All-Brass Galleys have survived, with increasing popularity because they are the best. The job sizes and the four column and five column galleys are graduated by pica ems at head and on one side, as shown in illustration at left.

The outside measurements are $\frac{1}{2}$ inch wider than the inside, narrow-wise, and on mailing galleys both ways.

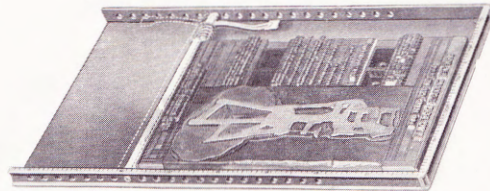
INSIDE MEASUREMENTS OF PATENT CORNER ALL-BRASS GALLEYS

Inches, Inside	Style of Galley	Inches, Inside	Style of Galley	Inches, Inside	Style of Galley
$3\frac{3}{4} \times 23\frac{3}{4}$	Single Column	$15 \times 23\frac{3}{4}$	Six Column	10x16	Job Size
$5 \times 23\frac{3}{4}$	Medium Column	$17\frac{1}{4} \times 23\frac{3}{4}$	Seven Column	12x18	Job Size
$6\frac{1}{4} \times 23\frac{3}{4}$	Double Column	$19\frac{1}{2} \times 23\frac{3}{4}$	Eight Column	15x22	Job Size
$8\frac{1}{4} \times 23\frac{3}{4}$	Triple Column	6x10	Job Size	18x25	Job Size
$10\frac{1}{2} \times 23\frac{3}{4}$	Four Column	$8\frac{3}{4} \times 13$	Job Size	$6\frac{1}{4} \times 23\frac{1}{2}$	Mailing
$12\frac{3}{4} \times 23\frac{3}{4}$	Five Column	9x14	Job Size	$7\frac{1}{2} \times 23\frac{1}{2}$	Mailing

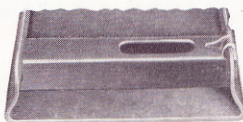
AVERY ALL-BRASS MAKE-UP GALLEYS

Made in eight sizes: $8\frac{3}{4} \times 13$, 9×14 , 10×16 , $10\frac{1}{2} \times 23\frac{3}{4}$, 12×18 , $12\frac{3}{4} \times 23\frac{3}{4}$, $15 \times 23\frac{3}{4}$, and $17\frac{1}{4} \times 23\frac{3}{4}$ inches inside.

This is a regular Patent Corner All-Brass Galley with pica graduations. The make-up gauge is an eccentric steel rod in a square brass tube. It is easily entered into holes in side walls to give the desired length of page, and is as easily released. When set for make-up the gauge is held in a position about one pica longer than the required length of page, at which time the gauge lever is in the position indicated by dotted lines shown in illustration. Reversing the lever brings page to required length under strong pressure.



AVERY ALL-BRASS MAKE-UP GALLEY



CHALLENGE NON-REMOVABLE GALLEY LOCK

STYLE 1—To work reliably with Challenge pressed steel galleys only. Made for following widths of galleys: 13 picas + 1 pt., $3\frac{1}{2}$ in., $26\frac{1}{2}$ picas + 2 pts., and $6\frac{1}{4}$ in. Special widths to order.

STYLE 2—To work with Hamilton (new style) pressed steel galleys only; same widths as in Style 1.

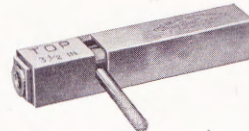
GALLEY LOCKS



CHALLENGE REMOVABLE GALLEY LOCK

STYLE 3—To work reliably with Challenge pressed steel galleys only. Made in widths of 2 in. (for 13 pica galleys), $3\frac{1}{4}$ in. (for $3\frac{1}{2}$ in. galleys) and $6\frac{1}{4}$ in. (for $6\frac{1}{4}$ in. or wider galleys). Special widths to order.

STYLE 4—To work with Hamilton (new style) pressed steel galleys only; same widths as in Style 3.



JONES DROP-IN GALLEY LOCK

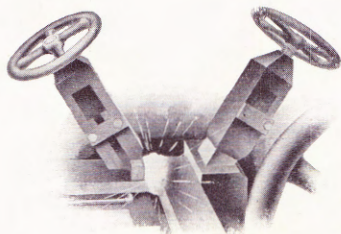
Made to work effectively on any width of patent corner brass or rigid rim steel galleys. Each lock has an expansion of one pica. The lock is expanded and locked by depressing or raising the lever.

The expansion piece is of steel in brass case.

Standard widths are 12, 13 and $26\frac{1}{2}$ picas, and $3\frac{1}{2}$, $6\frac{1}{4}$, $8\frac{3}{4}$, 10 and 12 in. Special widths to order.

SUPERIOR ELECTRIC WELDED STEEL CHASES

Through Electric Welding the Four Bars Become One Solid, Perfect Piece of Steel



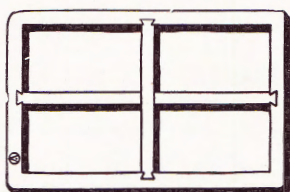
A chase is only as strong as its corners; no other corner is as strong as the solid one-piece electric welded kind. Brazed or riveted corners or other two-piece corners, regardless of process of making, are bound to be weaker than the solid steel.

In electric welding precisely the right heat may be applied to obtain that degree of fusibility necessary to cause the molecules of steel to intermingle just exactly as they would were the metal melted and cast in a mold—that's why through electric welding the four bars of the chase become one solid, perfect piece of steel.

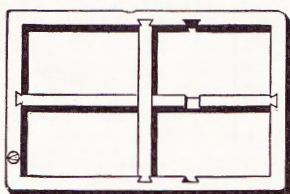
In ordinary welding the heat of the forge or furnace is applied to the exterior and works inward, which naturally causes the surface to become much hotter than the interior, and, although apparently a good weld is effected on the outside, the center is often defective.

Electric welding is exactly the opposite; heat is first generated at the center of the bars and works outward, and with the visible exterior thoroughly welded, there can be absolutely no doubt that the interior is perfectly welded.

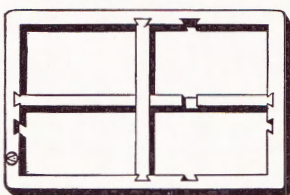
DIAGRAM AND SIZES OF SUPERIOR ELECTRIC WELDED STEEL BOOK CHASES



BOOK CHASE, SOLID CROSSBAR



BOOK CHASE, ONE BAR SHIFTING



BOOK CHASE, BOTH BARS SHIFTING

No.	Outside Measurement Inches	Measurement Length and Breadth Inches	Width of Side Bars Inches	Width of End Bars Inches
1	17x21	38	1	1
2	20x25	45	1 1/16	1 1/16
3	21x27	48	1 1/16	1 1/16
4	22x27	49	1 1/16	1 1/16
5	22x28	50	1 1/16	1 1/16
6	23x29	52	1 1/16	1 1/16
7	24x30	54	1 1/16	1 1/16
8	25x30	55	1 1/16	1 1/16
9	26x32	58	1 1/16	1 1/16
10	26x34	60	1 1/16	1 1/16
11	25x35	60	1 1/16	1 1/16
12	26x36	62	1 3/16	1 3/16
13	27x39	66	1 3/16	1 3/16
14	29x41	70	1 3/16	1 3/16
15	29x42	71	1 3/16	1 3/16
16	30x42	72	1 3/16	1 3/16
17	32x44	76	1 3/16	1 3/16
18	32x46	78	1 3/16	1 3/16
19	32x47	79	1 3/16	1 3/16
20	33 1/2 x 46	79 1/2	1 3/16	1 3/16
21	33 1/2 x 48	81 1/2	1 3/16	1 3/16
22	34x48	82	1 3/16	1 3/16
23	35x50	85	1 3/16	1 3/16
24	36x52	88	1 3/16	1 3/16
25	38x51	89	1 3/16	1 3/16
26	37 1/2 x 52	89 1/2	1 3/16	1 3/16
27	39x53	92	1 3/16	1 3/16
28	41x55	96	1 3/16	1 3/16
29	43x56	99	1 3/16	1 3/16
30	40x60	100	1 3/16	1 3/16
31	43x60	103	1 7/16	1 7/16
32	43x63	106	1 7/16	1 7/16
33	45x62	107	1 7/16	1 7/16
34	45x65	110	1 7/16	1 7/16
35	47x66	113	1 7/16	1 7/16

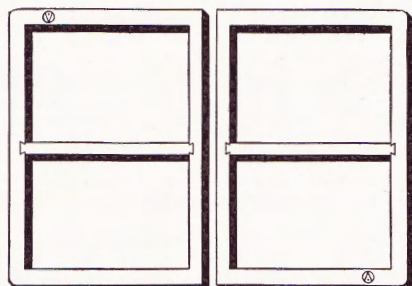
Long crossbars are 4 picas wide.
Short crossbars are 6 picas wide.
Thickness of bars, 5/8 inch.

Take Notice.—When special sizes of Superior Electric Welded Steel Chases are wanted it will be necessary to give accurate information regarding outside and inside dimensions, width of stock for side and end bars and width of stock for back bars, and also the size of the press bed. To facilitate ordering special size chases, a printed blank showing detailed diagrams of newspaper, book and poster chases will be sent upon request to anyone interested. Special size chases are made to order and cannot be returned. Write for information and quotations.

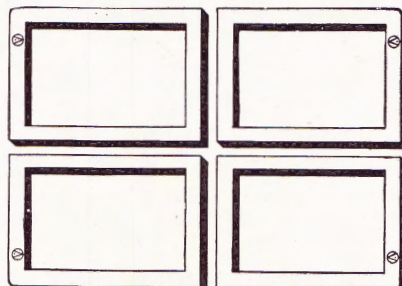
SUPERIOR ELECTRIC WELDED STEEL CHASES

Through Electric Welding the Four Bars Become One Solid, Perfect Piece of Steel

DIAGRAMS OF SUPERIOR ELECTRIC WELDED QUARTO AND QUADRUPLE CHASES



QUARTO CHASES



QUADRUPLE CHASES

SIZES OF QUARTO CHASES

No.	Col. Quarto	Size of Pair Over All, Inches	Size of Each Chase Outside, Inches	Measurement Length and Breadth Over All, Inches	Width of Side Bars Inches	Width of End Bars Inches	Width of Back Bars Inches
1	*4	35 $\frac{1}{8}$ x24 $\frac{1}{4}$	17 $\frac{1}{16}$ x24 $\frac{1}{4}$	60 $\frac{1}{8}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$
2	4	36 x24 $\frac{1}{2}$	18 x24 $\frac{1}{2}$	60 $\frac{1}{2}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$
3	*5	43 x28 $\frac{1}{2}$	21 $\frac{1}{2}$ x28 $\frac{1}{2}$	71 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$
4	5	44 $\frac{1}{8}$ x29 $\frac{1}{2}$	22 $\frac{1}{16}$ x29 $\frac{1}{2}$	73 $\frac{3}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$
5	*6	46 x32 $\frac{1}{2}$	23 x32 $\frac{1}{2}$	78 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
6	*6	47 x32 $\frac{1}{2}$	23 $\frac{1}{2}$ x32 $\frac{1}{2}$	79 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
7	6	47 $\frac{5}{8}$ x34	23 $\frac{1}{8}$ $\frac{1}{16}$ x34	81 $\frac{5}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
8	*7	51 x37 $\frac{1}{2}$	25 $\frac{1}{2}$ x37 $\frac{1}{2}$	88 $\frac{1}{2}$	1 $\frac{5}{16}$	1 $\frac{5}{16}$	1 $\frac{5}{16}$
9	7	52 $\frac{1}{8}$ x39	26 $\frac{1}{16}$ x39	91 $\frac{1}{8}$	1 $\frac{5}{16}$	1 $\frac{5}{16}$	1 $\frac{5}{16}$
10	*8	56 $\frac{1}{2}$ x43 $\frac{1}{2}$	28 $\frac{1}{16}$ x43 $\frac{1}{2}$	99 $\frac{5}{8}$	1 $\frac{5}{16}$	1 $\frac{5}{16}$	1 $\frac{5}{16}$

*These sizes carried in stock, and will be furnished unless otherwise specified.

Thickness of side bars, $\frac{5}{8}$ inch; thickness of end bars, $\frac{5}{8}$ inch; thickness of back bars, $\frac{5}{8}$ inch; width of cross-bars, 6 picas; thickness of crossbars, $\frac{5}{8}$ inch.

SIZES OF QUADRUPLE CHASES

No.	Col. Quarto	Size of Set Over All Inches	Size of Each Chase Outside Inches	Measurement Length and Breadth Over All, Inches	Width of Side Bars Inches	Width of Inside End Bars Inches	Width of Outside End Bars Inches	Width of Back Bars Inches
1	*5	28 x42 $\frac{1}{2}$	14 x21 $\frac{1}{4}$	70 $\frac{1}{2}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$
2	*6	32 $\frac{1}{2}$ x47	16 $\frac{1}{4}$ x23 $\frac{1}{2}$	79 $\frac{1}{2}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$
2 $\frac{1}{2}$	†6	33 $\frac{1}{4}$ x46 $\frac{1}{4}$	16 $\frac{3}{8}$ x23 $\frac{1}{8}$	79 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$
3	*7	38 x50 $\frac{1}{2}$	19 x25 $\frac{1}{4}$	88 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$

*These sizes carried in stock, and will be furnished unless otherwise specified.

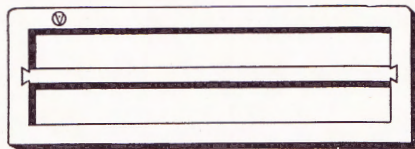
†Special for Reliance Press.

Thickness of side bars, $\frac{5}{8}$ inch; thickness of inside end bars, $\frac{5}{8}$ inch; thickness of outside end bars, $\frac{5}{8}$ inch; thickness of back bars, $\frac{5}{8}$ inch.

DIAGRAM AND SIZES OF HEADING CHASES

No.	Size of Chase Outside With Bar Inches	Size of Chase Inside Inches	Measurement Length and Breadth Inches	Width of Bars			
				Side Bars		End Bars	
				With Bar Inches	Without Bar Inches	With Bar Inches	Without Bar Inches
1	8 x19	6x17	27	1	1 $\frac{1}{16}$	1	1 $\frac{1}{16}$
2	10 x23	8x21	33	1	1 $\frac{1}{16}$	1	1 $\frac{1}{16}$
3	10 $\frac{1}{8}$ x30 $\frac{1}{8}$	8x28	40 $\frac{1}{4}$	1 $\frac{1}{16}$	1 $\frac{1}{8}$	1 $\frac{1}{16}$	1 $\frac{1}{8}$

Width of crossbar, 6 picas; thickness of bars, $\frac{5}{8}$ inch.



HEADING CHASE

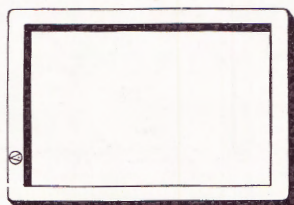
When ordering additional chases to match any Superior Chase in use no measurements need be given—naming serial number which is stamped on the chase assures an exact duplicate.

In other cases where there is any doubt as to the measurements or style wanted, it will be advisable to write for a chase specification blank in which diagrams of all styles are shown, with detailed instructions for furnishing necessary specifications.

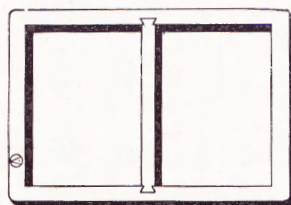
SUPERIOR ELECTRIC WELDED STEEL CHASES

Through Electric Welding the Four Bars Become One Solid, Perfect Piece of Steel

DIAGRAM AND SIZES OF SUPERIOR ELECTRIC WELDED STEEL POSTER CHASES



POSTER CHASE WITHOUT BAR

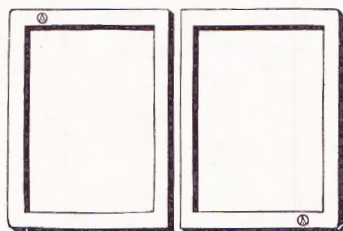


POSTER CHASE WITH BAR

No.	Outside Measurement Inches	Measurement Length and Breadth Inches	Width of Side Bars With Bar Inches	Width of Side Bars Without Bar Inches	Width of End Bars With Bar Inches	Width of End Bars Without Bar Inches
1	17x21	38	1	1 1/16	1	1 1/16
2	20x25	45	1 1/16	1 1/16	1 1/16	1 1/16
3	21x27	48	1 1/16	1 1/16	1 1/16	1 1/16
4	22x28	50	1 1/16	1 1/16	1 1/16	1 1/16
5	24x30	54	1 1/16	1 1/16	1 1/16	1 1/16
6	26x32	58	1 1/16	1 1/16	1 1/16	1 1/16
7	25x35	60	1 1/16	1 1/16	1 1/16	1 1/16
8	27x39	66	1 1/16	1 1/16	1 1/16	1 1/16
9	29x42	71	1 1/16	1 1/16	1 1/16	1 1/16
10	32x46	78	1 1/16	1 1/16	1 1/16	1 1/16
11	32x47	79	1 1/16	1 1/16	1 1/16	1 1/16
12	33 1/2 x 48	81 1/2	1 1/16	1 1/16	1 1/16	1 1/16
13	34x50	84	1 1/16	1 1/16	1 1/16	1 1/16
14	35x52	87	1 1/16	1 1/16	1 1/16	1 1/16
15	37x54	91	1 1/16	1 1/16	1 1/16	1 1/16
16	39x53	92	1 1/16	1 1/16	1 1/16	1 1/16
17	39x55	94	1 1/16	1 1/16	1 1/16	1 1/16
18	41x55	96	1 1/16	1 1/16	1 1/16	1 1/16
19	43x60	103	1 1/16	1 1/2	1 1/16	1 1/2
20	47x66	113	1 1/16	1 1/2	1 1/16	1 1/2

Width of crossbar, 6 picas. Thickness of bars, 5/8 inch.

DIAGRAM AND SIZES OF SUPERIOR ELECTRIC WELDED STEEL FOLIO CHASES



FOLIO CHASES

Take Notice.—When special sizes of Superior Electric Welded Steel Chases are wanted, it will be necessary to give accurate information regarding outside and inside dimensions, width of stock for side and end bars and width of stock for back bars and also the size of the press bed. To facilitate ordering special size chases, a printed blank showing detailed diagrams of newspaper, book and poster chases will be sent to anyone interested. Special size chases are made to order and cannot be returned.

No.	Column Folio	Size of Pair Over All Inches	Size of Each Chase Outside, Inches	Measurement Length and Breadth Over All, Inches	Width of Side Bars Inches	Width of End Bars Inches	Width of Back Bars Inches
1	*5	28 x 21 3/4	14 x 21 3/4	49 3/4	1 1/16	1 1/16	1 3/16
2	5	29 3/8 x 22 1/4	14 1/16 x 22 1/4	51 5/8	1 1/16	1 1/16	1 3/16
3	*6	32 1/2 x 24	16 1/4 x 24	56 1/2	1 1/16	1 1/16	1 3/16
4	6	33 7/8 x 24	16 15/16 x 24	57 7/8	1 1/8	1 1/8	1 3/16
5	*7	38 x 25 3/4	19 x 25 3/4	63 3/4	1 7/8	1 7/8	1 3/16
6	7	38 7/8 x 26	19 7/16 x 26	64 7/8	1 7/8	1 7/8	1 3/16
7	Special	41 x 27	20 1/2 x 27	68	1 7/8	1 7/8	1 3/16
8	*8	42 x 28	21 x 28	70	1 3/16	1 3/16	1 3/16
9	8	43 5/8 x 28 1/4	21 13/16 x 28 1/4	71 7/8	1 3/4	1 3/4	1 5/16
10	*9	47 x 30 1/2	23 3/4 x 30 1/2	77 1/2	1 3/4	1 3/4	1 5/16
11	9	48 3/8 x 30 1/4	24 3/16 x 30 1/4	78 5/8	1 3/4	1 3/4	1 5/16
12	Paper 24x36	40 x 26 1/4	20 x 26 1/4	66 1/4	1 3/8	1 3/8	1 3/16

*These sizes carried in stock at the factory and will be furnished unless otherwise specified.

Thickness of side bars, 5/8 inch. Thickness of end bars, 5/8 inch. Thickness of back bars, 5/8 inch.

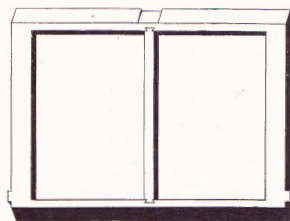
SUPERIOR ELECTRIC WELDED STEEL JOB CHASES

Superior Electric Welded Steel Job Chases are becoming more generally used year by year. They are much stronger and more satisfactory to use than cast iron chases and are made in a number of styles.

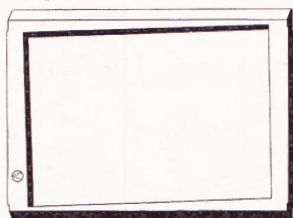
These chases are made for all sizes of Chandler & Price Job Presses. Special sizes made to order. Write for information and prices.



PLAIN JOB CHASE
The regulation steel chase generally used



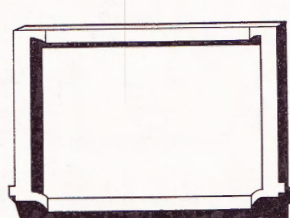
JOB CHASE WITH BAR
For divided forms such as brief work and booklets



BIASED JOB CHASE
Brass rule blanks locked at an angle saves rollers



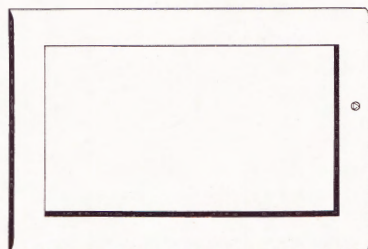
SPIDER JOB CHASE
For locking up small forms; a furniture saver; very rigid



JOB CHASE WITH BEARERS
The bearers are cast on the chase; substantial; saves time

THE SAMSON JOB CHASE

The Samson Job Chase will be found a great convenience for locking up the large register job that does not permit of the use of a bar and in which the spring of a regular chase would prevent a register lock-up. It is the chase that meets the emergency, as it is made of extra wide



SAMSON JOB CHASE

material and will not yield under the severest strain. All sizes of Samson Chases are made of bars $1\frac{1}{2}$ inches wide at ends and beveled bars 2 inches wide at sides. They have the same outside measurements as regular chases and about $1\frac{1}{2}$ inches less space both ways inside. Samson Chases can be supplied in the following sizes: 10x15, 11x17, 12x18, 13x19, 14x20, 14x22 and $14\frac{1}{2}$ x22 inches. Send for additional information and prices.

SUPERIOR ELECTRIC WELDED STEEL CHASES

Superior Electric Welded Steel Chases may be obtained on short notice for Colt's Armory, Laureate, Hartford, National, Liberty and other platen printing presses, as well as for cutting and creasing presses. Write for information and prices.

CHASES FOR KELLY PRESSES

Superior Electric Welded Steel Chases for the Kelly Automatic Job Press Style B and for Kelly Automatic Press No. 2 are made in the following sizes:

STYLE B CHASES

Standard Steel Poster Chase, KA—outside measure, $17\frac{1}{2}$ x22 $\frac{1}{4}$ inches; inside measure, 15x20 $\frac{1}{4}$ inches.

Steel Skeleton Chase, KE—outside measure, $18\frac{3}{8}$ x22 $\frac{1}{4}$ inches; inside measure $16\frac{1}{8}$ x20 $\frac{1}{8}$ inches.

NO. 2 CHASES

Steel Poster Chase—outside measure, $27\frac{1}{4}$ x35 $\frac{1}{4}$ inches; inside measure, $24\frac{3}{4}$ x32 $\frac{3}{4}$ inches; $1\frac{1}{4}$ inch steel.

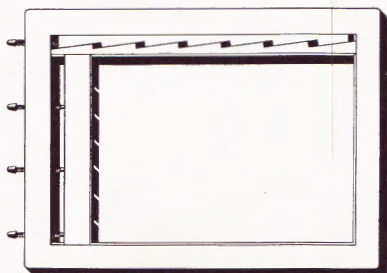
Steel Book Chase—outside measure, $27\frac{1}{4}$ x35 $\frac{1}{4}$ inches; inside measure, 25x33 inches; with long bar shifting; $1\frac{1}{8}$ inch steel.

Other size chases for Kelly Presses furnished to order

SUPERIOR ELECTRIC WELDED STEEL NEWSPAPER CHASES

FOR STEREOTYPING NEWSPAPER PAGES

Superior Electric Welded Steel Newspaper Stereotype Chases are made in the most accurate manner, exactly type high, perfectly square and true. The side lock-up screw is attached to the side stick with a collar in such a manner as to enable the operator to lock up and unlock the form with the wrench, moving the side stick backward and forward instantly, thus saving much time and avoiding the use of shooting stick and mallet, and consequent injury to the side stick.



NEWSPAPER STEREOTYPE CHASE

Electric Welded Steel Newspaper Stereotype Chases can be furnished with auto-plate lines and bolster at a slight extra expense. Write for information and prices.

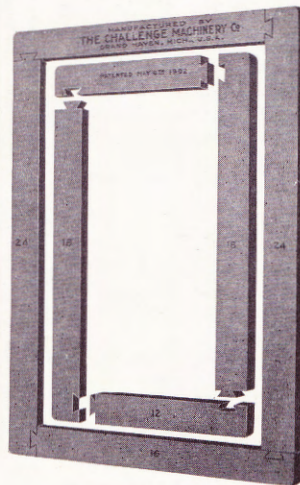
Superior Electric Welded Steel Newspaper Stereotype Chases are made for 6, 7, 8 and 9 columns. A blank column can also be obtained. One wrench is furnished with each set of four of these stereotype chases. Extra wrenches may be obtained at reasonable prices. The Superior

MCGREAL COMBINATION CHASE

MCGREAL COMBINATION CHASE BARS ARE MADE
IN THE FOLLOWING LENGTHS:

4 inch	18 inch	26 inch	35 inch	42¾ inch	48¾ inch
6 inch	20 inch	28 inch	35¾ inch	43½ inch	49¾ inch
8 inch	22 inch	29¾ inch	37¾ inch	44 inch	51¾ inch
10 inch	23 inch	32 inch	38¾ inch	44¾ inch	52¾ inch
12 inch	24 inch	32¾ inch	39¾ inch	46 inch	58¾ inch
14 inch	25 inch	34¾ inch	42 inch	46¾ inch	61¾ inch
16 inch					62¾ inch

The above are inside measurements. Example: Two 24 inch pieces and two 36 inch pieces make a chase 24x36 inches, inside measurements. Send for circular fully describing McGreal Combination Chases, and ask for quotations.

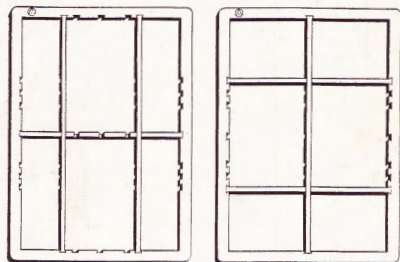


MCGREAL COMBINATION CHASE

WILSON AUTOMATICALLY REGISTERING CHASES

FOR BOOK AND MAGAZINE FORMS

The Wilson Automatically Registering Chase is a book, catalogue and magazine chase, and will be found a great time-saver. It is very simple and the wonder is that no one ever thought of it before. It will serve as a poster chase and may be used in the same manner as an ordinary



WILSON AUTOMATICALLY REGISTERING CHASES
Patented May, 1918

book chase with shifting bars, and when the extra crossbars and dovetail mortises are provided, as is the case with the Wilson Chase, book and magazine forms may be locked up for accurate registering without loss of time in registering on the stone or press.

The Wilson Automatically Registering Chase is made in a number of sizes and electrically welded. Circular giving complete details of its merits, and prices, will be sent inquirers upon request.

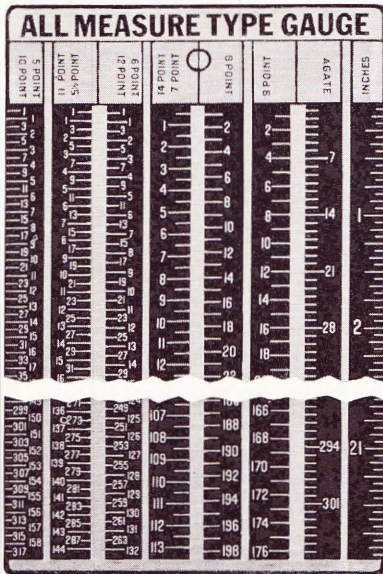
The American Type Founders Company is the largest dealer in printers' chases and will be pleased to quote prices on your requirements whenever you are in the market

THE BEST TYPE MEASURES AND LINE GAUGES

Type Measures are a necessity in the advertising department and the mechanical department of every newspaper and periodical office. Every superintendent, foreman, layout man, advertising manager, business manager, publisher and editor should have one on his desk. We handle a complete line of approved makes, and can supply a size and scale to meet every requirement.

THE ALL-MEASURE TYPE GAUGE

TWO MEASURES IN ONE



ALL-MEASURE TYPE GAUGE

6 inches long, and are scaled to measure agate, 6 point and 12 point. Send for circular describing the complete line, and ask for prices.



LINCOLN TYPE MEASURE

THE LINCOLN TYPE MEASURE

The Lincoln Type Measure is a steel tape, 24 inches scale, agate to pica measure, in a German silver case. May be easily carried in the vest pocket. Write for circular and prices.

MAGNIFYING GLASSES

The regular Engravers' Magnifying Glasses are the very best that can be procured for the purpose. The lenses are accurately ground, very powerful and are set in vulcanite.

PRICES OF MAGNIFYING GLASSES

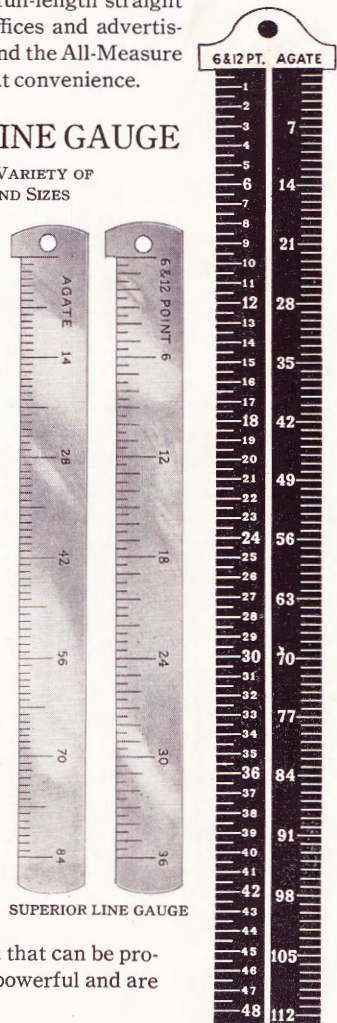
No. 144½ Magnifying Glass, 1 inch focus\$1.40
No. 144A Magnifying Glass, two lenses, 1 inch and 2½ inch focus 1.60

The All-Measure Type Gauges are etched on heavy brass, and are convenient, durable, legible and accurate. They are made in 18 inch and 22 inch sizes, and have eight straight edges. Besides inches, they measure agate, 5, 5½, 6, 7, 8, 9, 10, 11, 12 and 14 point. All measures are on a full-length straight edge. Newspaper offices and advertising managers will find the All-Measure Type Gauges a great convenience.

SUPERIOR LINE GAUGE

MADE IN A VARIETY OF STYLES AND SIZES

The 6 point and 12 point Superior Line Gauges are made of 4 point brass. The 14, 21 and 24 point sizes are made of 6 point brass. They are made in a variety of sizes from 6 inches long to 24



SUPERIOR LINE GAUGE

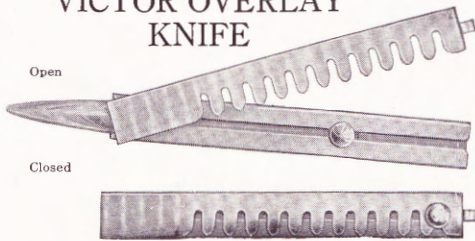
TURTLE TYPE GAUGE

REGULAR OVERLAY KNIFE



Regular Overlay Knife, in Leather Case, each\$0.60
Handy Overlay Knife, in Case, each40

VICTOR OVERLAY KNIFE

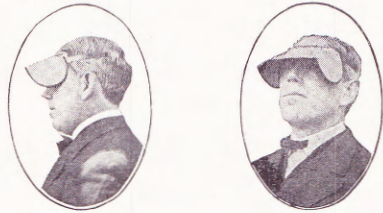


VICTOR OVERLAY KNIFE
Patented Nov. 14, 1916

A perfectly safe knife to carry in pocket. Steel case closes with a snap spring.

Victor Overlay Knife with One Blade\$0.40
Extra Blade, each25

EYE SHADES



The Ellis Adjustable Eye Shade, with a shield from the side light, is a great improvement over other shades.

Ellis Adjustable Eye Shade, each\$0.35
Ellis Adjustable Eye Shade, per dozen 2.50

ENGRAVERS' WOOD

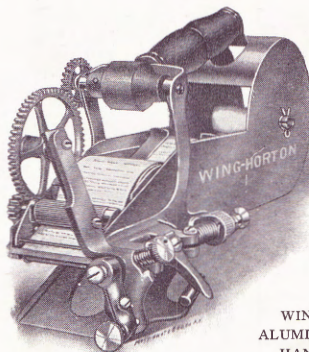
Write for prices of Engravers' Boxwood and Engravers' Maple. Made in several grades. The usual size of blocks is 12x12 inches, but they may be had in any size desired. Sold by the square inch.

WING ALUMINUM HAND MAILER

THE LIGHTWEIGHT MACHINE

The Wing Aluminum Hand Mailer is the latest development in this class of machines. It is light in weight and easily handled, and will be found a great improvement over the old machines.

It guides and pastes the slip perfectly and removes surplus paste. Papers or wrappers will not stick together. The knives are reversible and the rollers that feed the paper are pressed together by a spring and accommodate different thicknesses of proof paper. Average weight of machine is two pounds.



WING
ALUMINUM
HAND
MAILER

PRICES AND DIMENSIONS OF WING ALUMINUM HAND MAILER

No. 1, size 1 7/8 in.....	\$25.00	No. 4, size 3 in.....	\$40.00
No. 2, size 2 1/4 in.....	30.00	No. 5, size 3 1/2 in.....	45.00
No. 3, size 2 5/8 in.....	35.00	No. 6, size 3 3/4 in.....	50.00

MUSTANG MAILING MACHINE

MADE IN THREE CONVENIENT SIZES

The Mustang Mailer prints directly on the paper, wrapper or envelope. The platen and frame move automatically after each impression. Prints from 1500 to 2500 per hour, according to the expertness of the operator.

Made in three sizes: "Regular" takes a 10 em galley only and spaces 27 points; Style A, designed for use where three or four lines are required, takes galley 10 ems wide and spaces 40 points; Style B, largest size, takes galley 13 ems wide inside and spaces 48 points. Mail list made up on galleys. The Mustang Mailer weighs about fifteen pounds and the galleys about one pound each.

PRICES AND SIZES OF MUSTANG MAILING MACHINES

Mustang Mailer, "Regular," 10 em galleys	\$15.00
Mustang Mailer, Style A, 10 em galleys	16.50
Mustang Mailer, Style B, 13 em galleys	18.00

Write for quotations on Mustang Galleys

RED-LINE TAPE IN ROLLS

MANUFACTURED EXPRESSLY FOR THE AMERICAN TYPE FOUNDERS COMPANY

Red-line is a superior quality of tape for use in the pressroom and bindery. A cheap tape is dear at any price, for there is nothing more annoying than the breaking of a tape on the press or on any other machine. This invariably happens when one is in a hurry. We have tested many makes of tapes and have concluded that the quality offered is the best. Red-Line Tape has been subjected to rigid tests to meet strain and wear for pressroom and bindery use. These tapes range from $\frac{3}{8}$ inch to 2 inches in width, and are made in rolls 36 yards in length.



RED-LINE TAPE IN ROLLS

PRICES OF RED-LINE TAPE IN ROLLS OF 36 YARDS

	5 Rolls or less Per Roll	6 to 11 Rolls Per Roll	12 Rolls and over Per Roll
$\frac{3}{8}$ inch.....	\$0.95	\$0.85	\$0.75
$\frac{1}{2}$ inch.....	1.20	1.10	1.00
$\frac{5}{8}$ inch.....	1.40	1.25	1.15
$\frac{3}{4}$ inch.....	1.70	1.50	1.35
$\frac{7}{8}$ inch.....	2.00	1.80	1.60
1 inch.....	2.25	2.10	1.90
$1\frac{1}{8}$ inch.....	2.55	2.30	2.05
$1\frac{1}{4}$ inch.....	2.80	2.50	2.25
$1\frac{1}{2}$ inch.....	3.40	3.15	2.90
2 inch.....	4.50	4.05	3.65

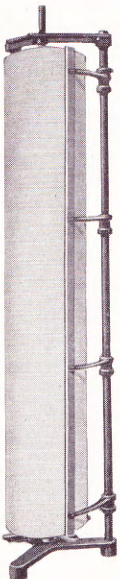
RUN EASY TAPE COUPLERS

Patented Nov. 20, 1917

Run Easy Tape Coupler is a positive mechanical device for securely connecting the ends of tape to prevent wear on the jointed parts, and is the most efficient and dependable device for this purpose. Can be put on in a few seconds by means of the Smooth Jaw Parallel Pliers made for this purpose. Run Easy Metallic Tape Couplers are made in the following sizes:

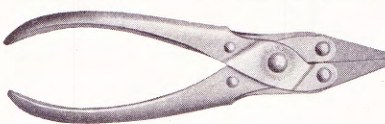
PRICES OF RUN EASY TAPE COUPLERS, PER BOX OF FIFTY

$\frac{3}{8}$ inch.....	\$1.25	$\frac{7}{8}$ inch.....	\$1.75
$\frac{1}{2}$ inch.....	1.25	1 inch.....	2.00
$\frac{5}{8}$ inch.....	1.40	$1\frac{1}{8}$ inch.....	2.00
$\frac{3}{4}$ inch.....	1.75	$1\frac{1}{4}$ inch.....	2.25

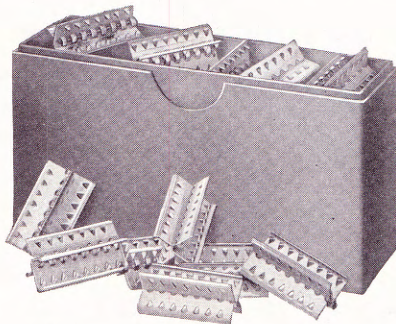


ROUSE TYMPAN
PAPER HOLDER

SMOOTH JAW PARALLEL PLIERS



For use with Run Easy Tape Couplers.....\$2.00



RUN EASY TAPE COUPLERS

ROUSE TYMPAN PAPER HOLDER

A LABOR SAVER FOR THE PRESSROOM

The Rouse Tympan Paper Holder will earn its cost in tympan paper economy, in floor space economy and, most of all, in labor saving in a very short time. It is very easily loaded, requires but little room and can be kept in any convenient place. The material and workmanship is of the Rouse standard. Rouse Tympan Paper Holder is made in the following sizes:

Number	Maximum Diameter Roll	Width of Roll	Number	Maximum Diameter Roll	Width of Roll
15-22	15 inches	22 inches	15-66	15 inches	62 to 66 inches
15-35	15 inches	35 inches	20-40	20 inches	36 to 40 inches
15-40	15 inches	36 to 40 inches	20-48	20 inches	44 to 48 inches
15-48	15 inches	44 to 48 inches	20-54	20 inches	50 to 54 inches
15-54	15 inches	50 to 54 inches	20-66	20 inches	62 to 66 inches

Order by number. Smaller sizes to order

BOSTON WIRE STITCHING MACHINES

MADE IN A VARIETY OF STYLES AND SIZES

For more than twenty years Boston Wire Stitchers have served the printers and binders of this country and abroad in a most satisfactory manner. They are always dependable, and possess every feature for high speed and superior quality of work.

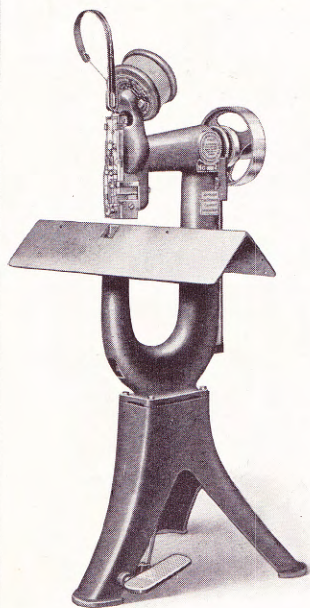
Unapproachable for simplicity and easy handling, all adjustments made by one operation, working parts of hardened steel and made to close limits, they are indeed worthy of consideration when purchasing this class of machinery. The Boston line is very large, including single head and multiple head stitchers, as well as machines for many special manufacturing purposes. These pages briefly describe this best of all line of wire stitchers.

BOSTON WIRE STITCHER NO. 1

A HIGH SPEED MACHINE

A high speed, light running wire stitcher suitable for all kinds of thin work. Capacity, $\frac{1}{8}$ inch, flat or saddle. The feed is vertical, a design which permits of exceptionally high speed. Other features are wire straightener, friction clutch, four surface cutters and double clinchers. The adjustment is entirely automatic with one length of staple for all thicknesses. No wire stitcher on the market approaches No. 1 for speed, nor can any team of operators handle work up to its full capacity, which exceeds 250 stitches a minute. Regular width of staple, $\frac{1}{2}$ inch; $\frac{3}{8}$ inch furnished to order without increase in price.

All working parts are visible to operator. Pulley is 8 inches in diameter; wire used, No. 30 to No. 25 round; floor space, 23x26 inches; shipping weight, 150 pounds.

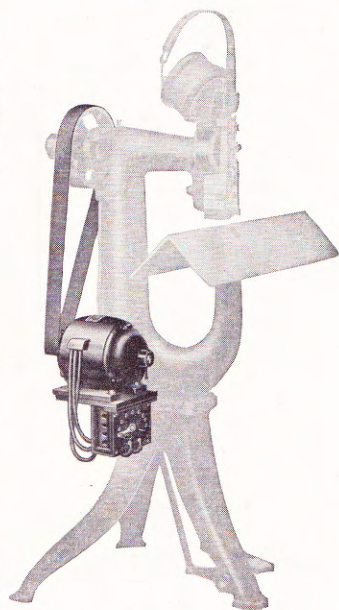


NOS. 1 AND 2 BOSTON WIRE STITCHERS FOR OVERHEAD BELT DRIVE

speed on pamphlet work the No. 27 round wire is recommended. Special heads may be obtained for No. 21 round wire.

All working parts are exposed to the operator, and the stitcher is *simply adjusted*. The head is self contained and removable. The pulley measures 8 inches in diameter. Floor space, 23x26 inches; shipping weight, 200 pounds. The No. 2 is guaranteed to turn out a greater volume of work than any other adjustable wire stitcher.

Send for descriptive pamphlet and prices on Boston Wire Stitching Machines

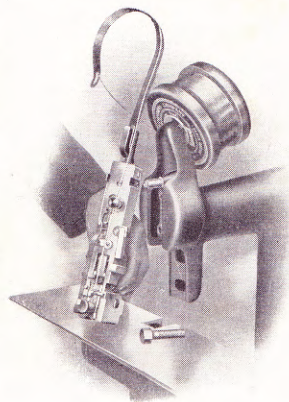


SHOWING ELECTRIC EQUIPMENT FOR NOS. 1 AND 2 BOSTON WIRE STITCHERS

BOSTON WIRE STITCHER NO. 2

CAPACITY FROM TWO SHEETS TO ONE-QUARTER INCH

A dependable speedy stitcher for pamphlet work. Capacity two sheets to $\frac{1}{4}$ inch, combined flat and saddle table, vertical feed, friction clutch, four surface cutters and double clinchers. Operates perfectly at 250 stitches a minute, using wire from No. 30 to No. 25 round without any changing of parts. For maximum



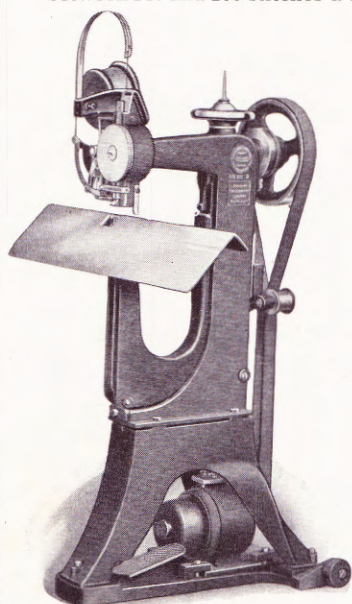
SHOWS HOW HEAD OF NO. 2 BOSTON MAY BE REMOVED

BOSTON WIRE STITCHER NO. 3

COMBINED FLAT AND SADDLE STITCHING

A favorite for all-round work. Simple in construction, all working parts *singly adjusted*, and meeting the most exacting requirements of the printer and binder. About three thousand of this size machine are in satisfactory use all over the world. Capacity is two sheets to $\frac{1}{2}$ inch, combined flat and saddle table; takes wire from No. 30 to No. 25 round and 21x25 flat for heavy work. The regular width of stitch is $\frac{1}{2}$ inch; special heads furnished for $\frac{3}{4}$ inch width for coated paper pamphlet work. Parts for $\frac{3}{8}$ inch width also supplied to order. Diameter of pulley, 10 inches; speed, between 140 and 160 stitches a minute. No. 3 and No. 4 are

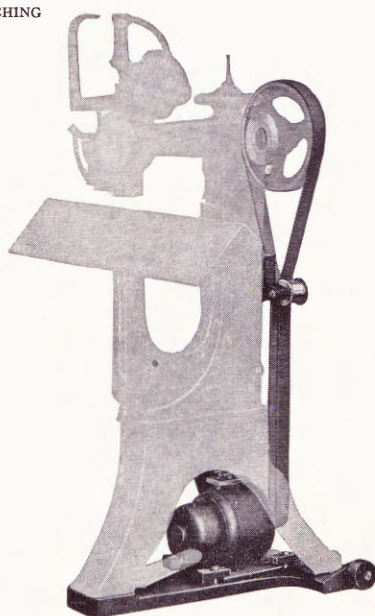
the original Boston Models, and on them the enviable reputation of the Boston Stitchers rests. They have been on the market for more than twenty years, are always satisfactory, are easily understood by the operator, and are recommended for all work within their capacity. Floor space, 26x26 inches; shipping weight, 300 pounds.



NO. 3 BOSTON WIRE STITCHER WITH
MOTOR EQUIPMENT, AN EXTRA.
SOLD ALSO FOR
OVERHEAD BELT DRIVE

placed on a wire stitcher, permits gauging back 10 inches, and is specially adapted to calendar and wide margin stitching. The regular width of stitch is $\frac{1}{2}$ inch; special heads furnished for $\frac{3}{4}$ inch width for coated paper pamphlet work. Parts for $\frac{3}{8}$ inch width also supplied to order. The No. 4 is *singly adjusted*, and stitches from two sheets to $\frac{1}{2}$ inch. Wire used, No. 30 to No. 25 round and 21x25 flat. Diameter of pulley, 10 inches; speed, 140 to 160 stitches per minute. As in all Boston Stitchers, working parts are strictly interchangeable and made of selected hardened steel. Floor space, 28x26 inches; shipping weight, 350 pounds.

The No. 3 and No. 4 Boston Wire Stitchers, illustrated on this page, are used throughout the world. The quality of stitching is unequalled and with the fine wire used, does not mar the attractiveness of a good piece of printing. Clinching is flat and even, and the stitchers have every convenience for quick changes.

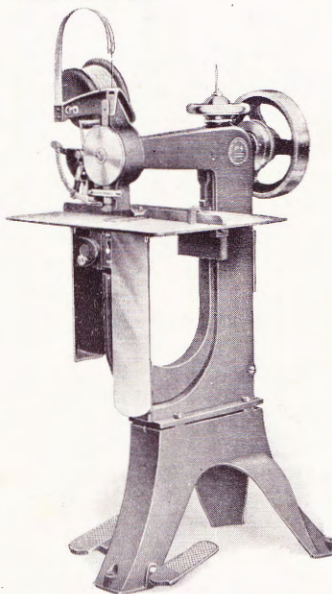


SHOWING ELECTRICAL
EQUIPMENT FOR NOS. 3, 4 AND 7
BOSTON WIRE STITCHERS

BOSTON WIRE STITCHER NO. 4

FOR BOTH WIDE AND NARROW MARGINS

No. 4 Boston Wire Stitcher differs from the No. 3 in frame, space back of stitching point, weight and table equipment. The saddle and flat tables divide at the center and are suitable for every kind of printing office or bindery work. The flat table is the most efficient ever



NO. 4 BOSTON WIRE STITCHER FOR
OVERHEAD BELT DRIVE. SOLD ALSO
WITH MOTOR EQUIPMENT

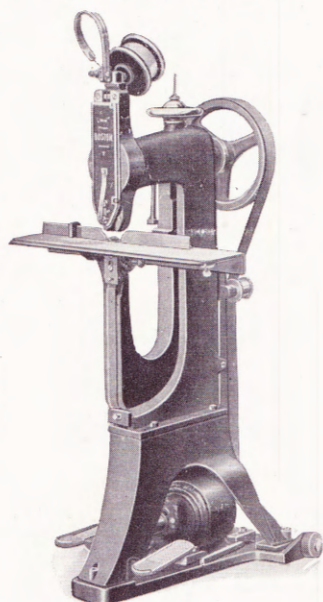
BOSTON WIRE STITCHER No. 7

A HEAVY-DUTY MACHINE

Specially designed for heavy work; very rigid, and guaranteed to operate satisfactorily within its capacity. The No. 7 has vertical feed, *single adjustment* for all working parts, reversible driver, and clinchers for round and flat wire, instantly removable. The table is convertible into flat or saddle by merely pulling a lock-pin. Width of stitch, $\frac{1}{16}$ inch.

Two perfected wire straighteners remove both spool and edge curls from wire, and are easily adjusted for accurate feeding and driving. Cutters are interchangeable, each having *four cutting surfaces*, are self-adjusting, and may be replaced instantly by the operator. Floor space, 26x27 inches.

Wire used, No. 28 to No. 24 round and 21x25 to 20x24 flat, the latter for thick work. The pulley is 12 inches in diameter; speed, 125 stitches per minute; shipping weight, 400 pounds.



NO. 7 BOSTON WIRE STITCHER
WITH MOTOR EQUIPMENT

BOSTON WIRE STITCHER No. 10

FOR BOX STITCHING

For wire stitching small paper boxes the No. 11 frame and No. 2 head are used. Several hundred have been sold. A special solid clincher plate insures proper clinching, though movable clinchers may be had if desired. No. 21 round wire is recommended and supplied as standard equipment. Head for No. 25 to No. 30 round wire furnished to order. This model is for *small box work only*. The continuous feed device, which is attached to side of bonnet when ordered, enables work to be stitched in a continuous movement as on No. 15 Box Stitcher. For set-up boxes, table and continuous feed device are removed to permit box to be fed over 10 inch arm, which is $1\frac{1}{2}$ inches square at clinching end. Staples can be placed $\frac{1}{8}$ inch from edge of box. Shipping weight, 175 pounds.

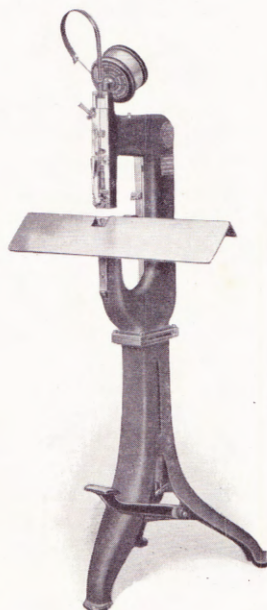
BOSTON WIRE STITCHER No. 5

FOR FOOT POWER ONLY

This foot power model is built for easy operation and long service, and is specially designed to meet the demands of country and job offices where power is not always available or bindery work constant. Capacity two sheets to $\frac{1}{2}$ inch, combined flat and saddle table, and may be operated seated on a stool or standing. Wire used, No. 28 to No. 25 round and 21x25 flat, the latter for medium and thick work. While not as speedy as the power models, the quality of stitching is the same, and the machine will stitch beyond the ability of the operator to handle work. Cutters are interchangeable, each having four cutting surfaces. All working parts are exposed and the stitcher is *singly adjusted* to the thickness of work by using the hand lever.

Heretofore, foot power wire stitchers have been of the makeshift variety, indifferently designed, light and unsatisfactory. They utterly failed to meet the requirements of the printer. In the No. 5 Boston we have corrected this condition and provided a machine that is dependable for durability and stitching qualities. Particular attention has been given to manufacturing, adjustments, easy handling and the quality of material used. The result is a wire stitcher that has met with full approval of users everywhere. Shipping weight, 180 pounds.

Send for descriptive pamphlet and prices on Boston Wire Stitching Machines



NO. 5 FOOT POWER BOSTON
WIRE STITCHER

BOSTON WIRE STITCHER No. 11

FOR TEXTILE STITCHING

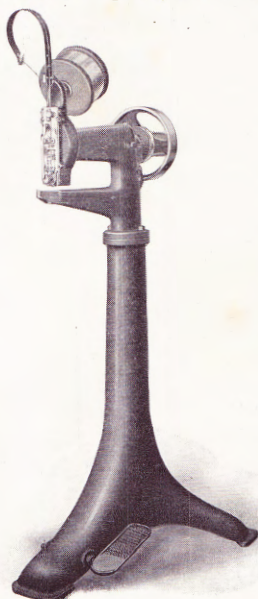
For attaching printed paper or thin card labels to hosiery, knitted, woven, or any kind of cloth stock. Capacity two sheets to $\frac{3}{16}$ inch, with an opening for work $1\frac{3}{16}$ inch between head and top of clincher plate. Single automatic adjustment to fit the wire stitcher and wire to thickness of work. A special feature is the *pointed staple*, which drives through without injury to the stock or printed matter.

The arm in which the clinchers operate measures 10 inches and is designed to clinch the stitch in any position inside, thus permitting the consumer to inspect goods inside and outside. Staples may be placed entirely through the stock if desired. A small flat table is also supplied as part of the equipment.

The No. 11 has special guides on the head, so that thick, spongy stock may be fed in without disturbing or injuring the label. As regularly built, a half inch width of stitch is used. Three-eighths inch width is furnished to order without increase in price. Distance from floor to top of clincher plate, 36 inches.

The clincher plate is so constructed that the staple is formed without being pressed against the fabric as in ordinary stitchers.

Cutters are special for textile work and may be ground or stoned. The speed may range from 125 to 250 stitches per minute, and wire from the No. 30 to No. 25 round is used. No. 27 is recommended for high-speed work. Floor space, 21x21 inches; pulley, 8 inches in diameter; shipping weight, 175 pounds. Write for prices.



No. 11 BOSTON TEXTILE STITCHER
No. 10 BOX STITCHER IS BUILT
IN SAME FRAME

BOSTON BOX WIRE STITCHER No. 15

FOR FOLDING BOXES AND CONTAINERS

For large folding boxes, cartons and fibre shipping containers. The frame is extremely heavy and the head and all working parts are

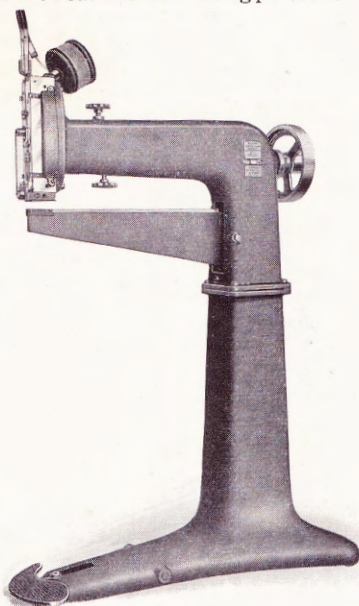
built for long service. The right-angle stitching head is easily removed from the frame, and by the attachment of a few extra parts made to stitch parallel with the arm. A continuous feed device, and flat table and gauges for successive stitching of folding cartons and containers, are supplied to order, as is also round wire head for No. 18 to No. 21 bookbinder's wire.

Capacity is $\frac{1}{2}$ inch; width of staple across crown, $\frac{1}{2}$ inch; flat box stay (ribbon) wire No. 8, measuring .104x.008, to No. 23, measuring .104x.023, is used; length of arm, 24 inches; measurement of flat table, 30x32 inches; floor space, 32x42 inches; pulley, 12 inches; speed, 300 stitches per minute; shipping weight, 630 pounds; power, $\frac{1}{2}$ horsepower.

BOSTON BOX STITCHER No. 14

FOR RIGHT-ANGLE STITCHING

This model identical with the No. 15 in thickness capacity and most operating features, including the open head device. The arm measures 12 inches. It was designed for *right-angle stitching only*. The No. 14 will handle all heavy work that can be stitched on the 12 inch arm, is very speedy and meets the requirements of the average box shop. Speed, range of wires and size of staple are same as No. 15. Flat table measures 20x30 inches; floor space, 26x33 inches; power, $\frac{1}{3}$ horsepower; shipping weight, 300 pounds. Write for prices.



No. 15 BOSTON BOX STITCHER
SHOWING RIGHT-ANGLE HEAD IN POSITION
MOTOR EQUIPMENT EXTRA

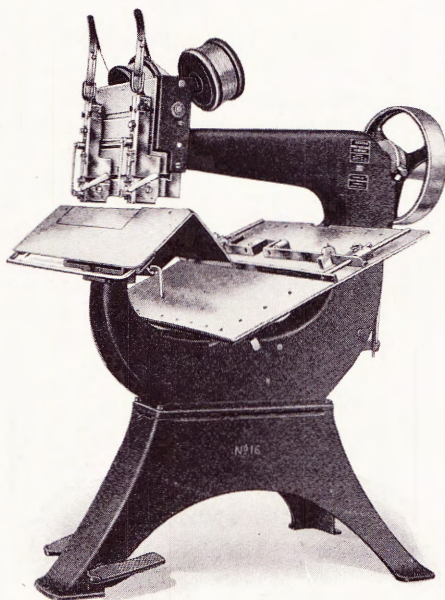
BOSTON MULTIPLE WIRE STITCHER No. 16

For calendar and pamphlet work using from two to five singly adjusted heads, each with a capacity of two sheets to $\frac{1}{4}$ inch. The No. 16 handles pamphlets perfectly, placing all stitches at one operation of the treadle, and making a substantial increase in output. The space between the frame and stitching point is 24 inches.

Flat table measures 28x22 inches; maximum speed of each head, 200 stitches per minute, making 800 stitches per minute with a four-head equipment. The crossbar is 12 inches wide, and staples may be placed as close as $1\frac{5}{8}$ inches. With the regular two-head equipment the space between staples may be 11 inches.

Regular heads make $\frac{1}{2}$ inch width of stitch; $\frac{3}{8}$ inch furnished to order. Wire used, No. 30 to No. 25 round. Floor space, 26x40 inches; pulley, 12 inches; power, $\frac{1}{4}$ horsepower; shipping weight, 600 pounds.

The No. 16 has every feature for single head or multiple work, uses but little power and handles a wide range of work. Write for prices.



No. 16
BOSTON CALENDAR AND PAMPHLET WIRE STITCHER
WITH TWO HEADS, FLAT AND SADDLE TABLES

BOSTON WIRE STITCHER No. 19

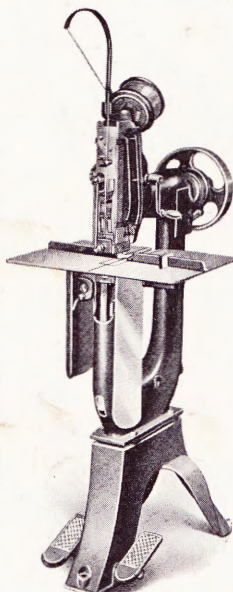
A HIGH-SPEED MACHINE

A new member of the Boston Wire Stitcher Family, designed for heavy, continuous service and high speed. The thickness capacity is from two sheets to a full half inch, and all working parts are singly adjusted through the action of crank handle. The head is $2\frac{1}{4}$ inches wide and is heavily constructed with vertical feed for wire. Every labor-saving device is employed to save the operator's time and insure high class, accurate stitching. The table equipment for flat and saddle work is similar to the No. 4. Driver and bender bars are crank driven, insuring perfect work and low maintenance expense.

Wire used, No. 30 to No. 25 round and 21x25 flat; speed, 300 stitches per minute; floor space, 26x28 inches; shipping weight, 350 pounds; driving pulley, 10 inches; power, $\frac{1}{8}$ horsepower.

The No. 19 is specially adapted for magazine stitching, as well as all classes of pamphlet and flat work. The simplicity of the head is a notable feature, having fewer working parts than any adjustable wire stitcher handling the same range of work. Cutters, clinchers and the principal working parts are hardened and interchangeable.

The No. 19 is an unusual stitcher with many new features. It is sturdy and durable and will stand up under the most exacting demands. The quality of output is unsurpassed and the very high operating speed insures large production. Write for prices.



BOSTON WIRE STITCHER
No. 19

A one-inch Boston Wire Stitcher similar to the No. 19 is under construction and is designed to handle heavy work at high speed. It has all the No. 19 features and will operate at unusually high speed for a stitcher of its thickness capacity. Write for particulars.

BOSTON MULTIPLE WIRE STITCHER No. 17

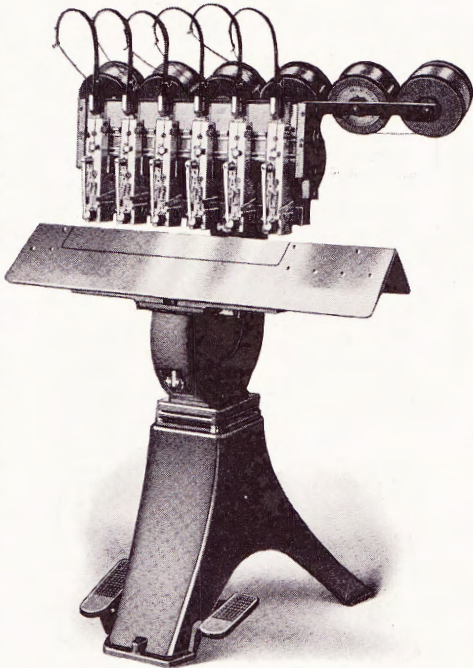
FOR PAMPHLET AND CHECK BOOK STITCHING

For small check book and pamphlet stitching, equipped with two to ten heads, each with capacity of $\frac{1}{4}$ inch. The design is similar to No. 16, but with a heavier frame. The heads are mounted on a 20 inch crossbar and the space back of the stitching point is $8\frac{1}{2}$ inches. There

are two standards for wire, No. 21 to No. 25 for thick, and No. 25 to No. 30 for light stitching. Pamphlet work may be stitched with either wire combination. A centering device for saddle work insures placing the staple exactly in the fold, adding greatly to the appearance of the work.

Each head makes a maximum of 200 stitches a minute, reduced by a speed controller if motor driven. With two-head equipment, stitches may be placed 18 inches apart, center to center. The minimum space between stitches is $1\frac{1}{8}$ inches.

The floor space is 33x24 inches; pulley, 12 inches in diameter; power— $\frac{1}{2}$ horsepower if ten heads used, $\frac{1}{4}$ horsepower for four heads; shipping weight, 350 pounds. Write for prices.



No. 17, WITH SIX HEADS AND FLAT AND SADDLE TABLE

BOSTON MULTIPLE WIRE STITCHER No. 18

FOR FLAT WORK ONLY

Built especially for printers, binders and manufacturing stationers who specialize in tablet, check book, blank book, receipt book and sales book work of a thickness capacity of from $\frac{1}{10}$ to $\frac{1}{2}$ inch.

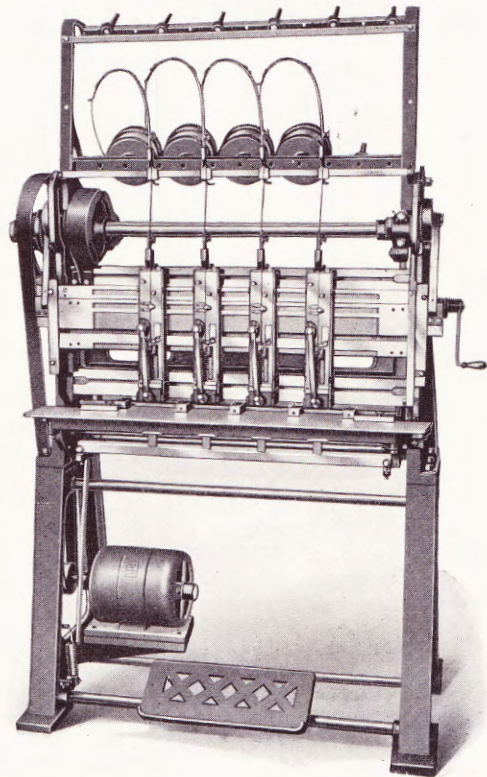
Regular equipment includes four heads, but extra heads may be attached to make a total of ten, all operating from one touch of treadle. Width of staple across the crown is $\frac{1}{2}$ inch; speed, 150 stitches per minute for each head.

Space between the side frames is 33 inches; greatest distance between two heads is 28 inches; minimum distance is $2\frac{7}{8}$ inches.

The wire used is No. 25 round to 20x24 flat.

Special heads are furnished for Nos. 18 and 20 round and for box stay (ribbon) wire gauging .104. The floor space is 26x53 inches; diameter of driving pulley, 12 inches; speed of pulley, 450 revolutions per minute; power requirement, $\frac{1}{2}$ horsepower; shipping weight, 1200 pounds.

The No. 18 is a two-column stitcher with open space between, through which work may be



No. 18, WITH FOUR HEADS; FOR FLAT WORK ONLY

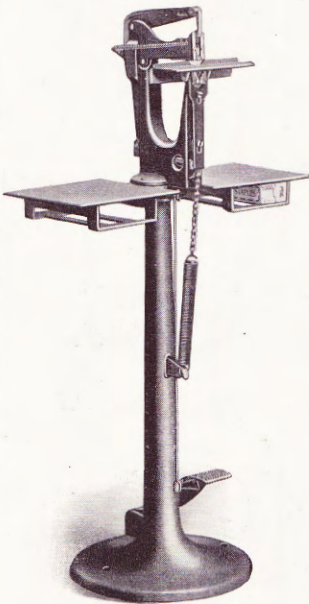
BOSTON MULTIPLE WIRE STITCHER No. 18— *Continued*

pushed. Sales books may be stitched six up and three deep, according to size. *All heads are automatically adjusted* by turning one crank handle, are held to the crosshead by two eccentric clamps, and may be placed in any position without removing from the machine. The heads are driven on both bender and driver bars, insuring accurate stitching and positive action. All parts are interchangeable. This is a special stitcher for the work described above and is the only multiple in the market that meets the requirements of this class of stitching.

BOSTON STAPLE BINDER

STYLE A, PEDESTAL

The Boston Staple Binder is built to produce a quality of work equal to the highest grade of wire stitching. No adjustment is necessary for different thicknesses, as the stapler is automatic.

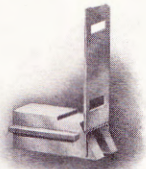


THE BOSTON STAPLE BINDER
STYLE A, PEDESTAL

The work table is quickly shifted from flat to saddle without the use of tools and an extension to the table may be had at a small additional cost. Staples are mounted on metal cores, covered with paper, and placed in the machine just as taken from the box. The paper covering protects the staples from dirt and corrosion, and permits instant change of sizes without waste.

Aside from the method of using staples, the most useful working part of the Boston Stapler is the supporter, which prevents staples buckling, permits the use of fine wire, and insures neat, even, flat, perfect stapling. No other staple binder does so fine a quality of work.

The Boston Stapler is for foot power only, and is made in two styles for pedestal and bench operation. Capacity, $\frac{3}{16}$ inch. Floor space, 14x24 inches. Shipping weight: Style A, 135 pounds; Style B, 32 pounds.

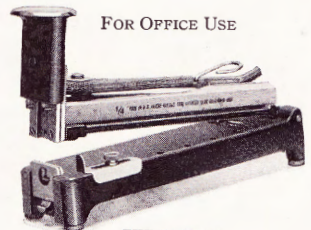


SHOWING
DRIVER, STAPLE AND
SUPPORTER

BOSTON AUTOMATIC PAPER FASTENER

The Boston Automatic Paper Fastener for office and counting room, law offices, schools, factories, insurance companies, and general desk purposes. Fastens papers from two sheets to $\frac{1}{16}$ inch in thickness, clinching perfectly flat at bottom and binding securely; $\frac{1}{4}$ inch staples are used. Cork plugs are used to protect desks, tables or polished flat surfaces; space taken up is $2\frac{1}{2}$ x9 inches; net weight, $4\frac{1}{2}$ pounds.

Send for descriptive pamphlet and quotations on the line of Boston Wire Stitchers



THE BOSTON
AUTOMATIC PAPER FASTENER

BOSTON TINNED STEEL WIRE STAPLES



THE METAL CORE, PUSHER, PAPER COVERING AND STAPLES

Boston Wire Staples are mounted on metal cores, paper covered, and may be used without waste. They are made in two sizes, $\frac{1}{4}$ inch for thin and $\frac{3}{8}$ inch for work of thickness of $\frac{1}{8}$ inch and upward to the capacity of the machine. Boston Tinned Steel Wire Staples are put up in boxes of 5000 and sold at the lowest market price.

BOSTON POINTED WIRE STAPLES

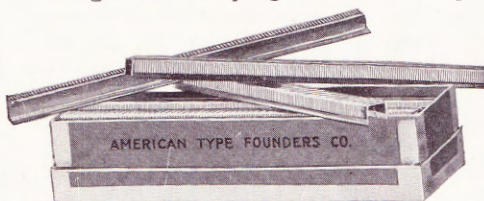
FOR STYLES A AND B BOSTON STAPLERS

Boston Pointed Wire Staples may also be used on the Boston Automatic Paper Fastener. They are pointed $\frac{1}{4}$ inch for textile stapling or for fastening price tickets and advertising matter to cloth. Will not injure the fabric. They are put up securely in boxes and sold at the lowest market price. Write for quotations.

STAPLES FOR STAPLE BINDERS

FOR THE POPULAR MAKES OF MACHINES

We can supply the trade on short notice with any size and quantity of staples required for the leading makes of stapling machines and staple binders, such as Boston, Bostitch, Acme, Midget, Simplex, Sure-Shot, Allen (Yarger), etc. Our Selling Houses have a very liberal sized stock at all times. Staples are packed in a variety of ways, generally in boxes containing 5000. The price varies according to the quantity purchased. Write us for information and prices, stating at the time the make of the stapler or binder you are using and the quantity of staples desired.



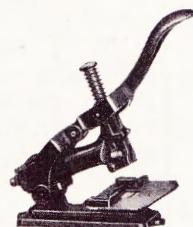
A BOX OF STAPLES

ACME STAPLE BINDER No. 1

USES COARSE WIRE STAPLES

The Acme Binder No. 1 frame swings on a pivot and lifts high enough to give ample room for putting in and taking out the work. It holds 100 staples and will not clog. Uses coarse wire staples and binds to $\frac{1}{4}$ inch.

Write for information and prices



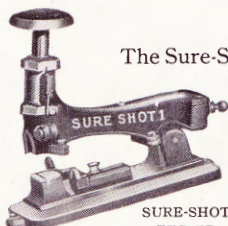
NO. 1 ACME
STAPLE BINDER

SURE-SHOT BINDER

IT CANNOT CLOG

The Sure-Shot Binder is made for office use. It holds 100 staples at a charge, binds to $\frac{1}{4}$ inch book paper, and cannot clog.

Write for information and prices



SURE-SHOT
BINDER

BOSTITCH PAPER FASTENER

FOR OFFICE USE

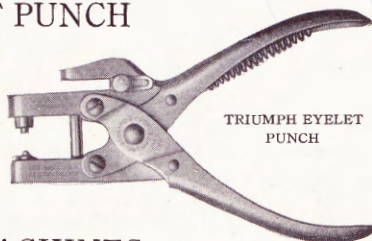
Bostitch Paper Fastener with 5000 Staples, price.....\$5.75

TRIUMPH EYELET PUNCH

A RELIABLE DEVICE

The Triumph Eyelet Punch cuts the paper separate from the eyelet set, so that paper cannot be injured by the latter while it is being punched. There is a guide to regulate the distance of the eyelet from the paper's edge.

Triumph Eyelet Punch and Set, price.....\$3.00



TRIUMPH EYELET
PUNCH

EYELETS FOR OTHER MACHINES

ALL SIZES AND STYLES

Eyelets for the Southworth Punching Machines and Sterling Round Cornering Machines (see page 989) may be had in a variety of sizes and styles. Write for information and prices.

AMERICAN BOOKBINDERS' STEEL WIRE

THE QUALITY WIRE FOR STITCHING MACHINES

The quality of the wire used on the various stitching machines has much to do with the success of the operation. American Bookbinders' Steel Wire is made especially for us and is the most satisfactory wire on the market. It may be obtained wound on wooden spools, as heretofore, or



AMERICAN
BOOKBINDERS' STEEL WIRE

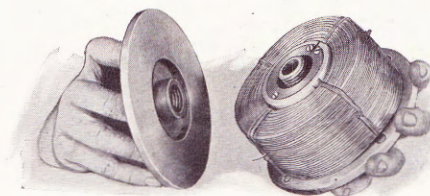
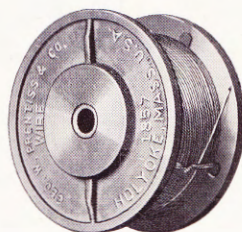
may be had in coils to be used on the new Prentiss Spools illustrated and described below. The net weight of the wire on wooden spools is five pounds. A charge is made for the spool, which is rebated when the spools are returned to us in good condition, carriage prepaid. Wire in coils weighs five pounds, net, and is to be used in conjunction with the Prentiss Metal Spool. By using wire in coils you pay for nothing but the wire itself. If your stitching machines are equipped with Prentiss Spools, the ultimate cost of your wire will be considerably reduced.

The Selling Houses of the American Type Founders Company carry an adequate stock of bookbinders' wire in all sizes of rounds and flats, and will be pleased to quote lowest market prices on any quantity desired.

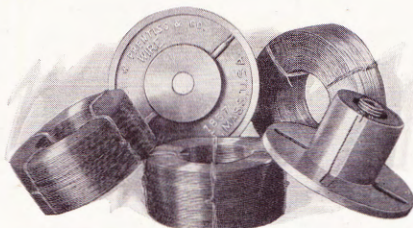
PRENTISS METAL SPOOLS FOR COILS

INSURE AGAINST UNNECESSARY WASTE

The Prentiss Metal Spool solves the problem. It is adaptable for all sizes of round and flat wire. The recessed head, which is a patented feature, overcomes the greatest trouble experienced by the users of stitching wire. The coil is so firmly compressed there is no chance for the strands to draw down between the coil and the heads. It fits on the stitching machine the same as a wooden spool and requires no tools; so simple the operator can handle as readily as a wooden spool. Prentiss Metal Spools are sold at reasonable prices. Write for circular and quotations.



PLACE THE COIL ON THE SPOOL AND
SCREW ON THE HEAD



THE PRENTISS SPOOL IS VERY SIMPLE

IMPROVED AJAX EYELETING PRESS

A HANDY DEVICE TO HAVE IN THE SHOP

The Improved Ajax Eyeletting Press automatically feeds loose eyelets of three different lengths. Fill the reservoir at the top of the machine with a handful of loose single eyelets, either long, medium or short, according to the number of sheets you may wish to bind. Inserts eyelets one inch from the edge of work. Weight, 4 pounds.

Improved Ajax Eyeletting Press, price \$8.50

SAMSON EYELET TOOL

USEFUL IN OFFICE AND SHOP

A combination Punch and Eyelet Set. Will punch $\frac{3}{16}$ inch hole in paper, cardboard, leather, etc., or will insert and fasten $\frac{3}{16}$ inch diameter eyelet. Packed in box with instructions "How to Use."

Samson Eyelet Tool, price \$2.75

HICKOK PAPER RULING MACHINES

THE BEST IS ALWAYS THE CHEAPEST

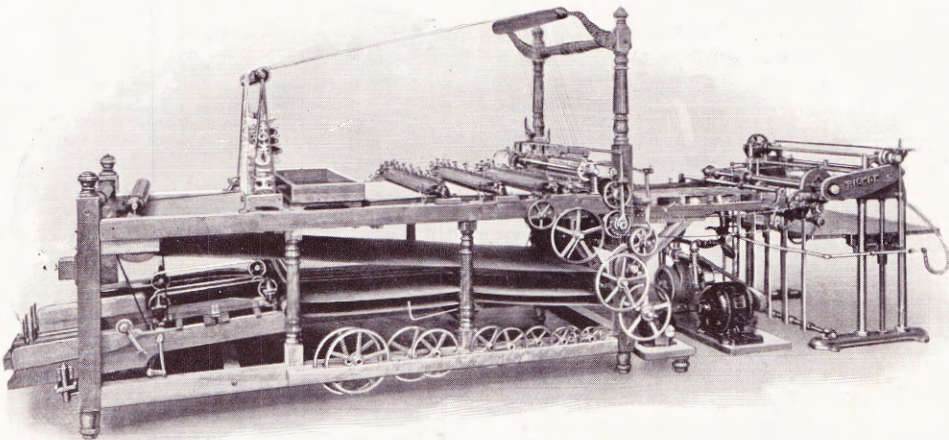
Hickok Ruling Machines are known throughout the world as the best, most up to date and complete on the market. The manufacturers have always been alive to the requirements of the paper ruling trade and have spared neither pains nor expense to keep pace with the trade. Hickok Ruling Machines will outlast any other make and will do high class work all the time they are in use. In fact, these machines have been in service for fifty or more years and are doing as good work to-day as when first purchased, with practically no cost for upkeep or repairs.

When making inquiry regarding ruling machines specify style of machine wanted, whether feint-line or automatic striker, number of beams, and whether manifold underlift is desired. Also state width between rails, as well as the width of the cloth; whether the machine is to be equipped with belt drive or electric motor, and also specify how the guide board is to be located, whether on the side of the machine on which the ruler stands or on the side opposite the ruler.

HICKOK O-A AUTOMATIC STRIKER RULING MACHINE

THE POPULAR RULING MACHINE

Hickok Style 11 Three-Beam O-A Automatic Striker Ruling Machine has three O-A automatic striker-beams and manifold pen underlifts. It will strike down lines from five distinct head lines and lift on five other distinct foot or bottom lines.



THE HICKOK STYLE 11 THREE-BEAM O-A AUTOMATIC RULING MACHINE, WITH MANIFOLD PEN UNDERLIFTS AND NO. 3 LAY-BOY; GEAR SPEED REDUCING MECHANISM AND ELECTRIC DRIVE WITH HICKOK AUTOMATIC FEEDER ATTACHED. FLOOR SPACE, 38 INCH MACHINE, 11½X6½ FEET

This is unquestionably the most popular ruling machine for all-round work on the market. It is efficient and accurate and possesses many recent improvements which facilitate labor in operating. Hickok Ruling Machines have always been noted for their high standard of excellence. No better ruling machine can be purchased.

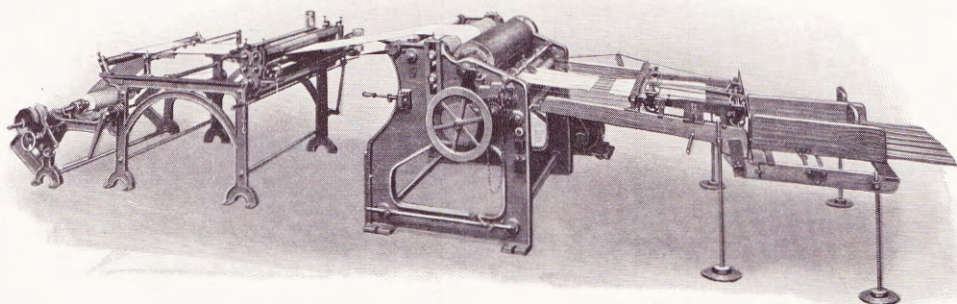
The following equipment is furnished: Self-locking O-A angle ball-joint standards; cloth guide on both upper and lower cloths; six clamps the width of the cloth; set of 8 inch cams; set of ten change gears with new-style gear rack; four ink fountains with carrier rod; worm screw adjustment for gate; quick-acting gate; adjustable steel cam-plate on pen rests; foot rests on lower rail; steam fixtures; double cone pulley for a range of speeds; elevated string roll and clamp rack; steel adjustable guide on guide board; ink box with drawer; Hickok-Simon patent loose-leaf guide; cam rack; new style patent crank-handle; one complete set of point system pens from 7 to 36 inclusive (singles, doubles and triples); pen cabinet; ink brush, etc.

Send for illustrated descriptive catalogue showing the complete line of Hickok Ruling Machines and bookbinders' supplies. Prices will be quoted upon application

HICKOK NO 3 DISC ROLL RULING MACHINE

FOR PAPER IN ROLLS OR WEBS

The Hickok No. 3 Disc Roll Ruling Machine consists of four main sections: Stand for raising and holding web or rolls of paper, ruling machine proper including perforators and cutting-off machine for cutting sheets, counter marker, lay-boy and jogger.

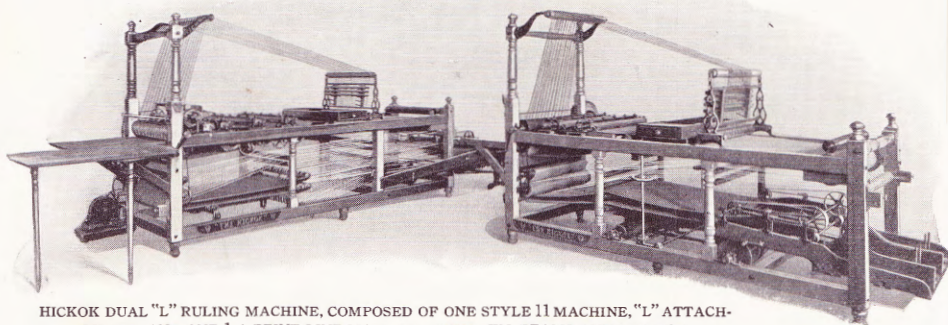


THE HICKOK NO. 3 DISC RULING MACHINE, WITH PAPER ROLL-HOLDER, PERFORATOR, DISC INKING DEVICE, CUTTING-OFF MACHINE, COUNTER AND SPECIAL LAY-BOY

This machine is designed for ruling paper 38 inches wide or less from the roll or web on both sides in one direction at one feeding. It is equipped with roll or web holder and raising apparatus, adjustable disc inking and impression rolls, automatic ink pans, 4 sets of perforators, cutting-off device to cut sheets from 20½ inches to 38 inches long, and special lay-boy which jogs paper on three sides, and counter. There is also included in the equipment a two horsepower variable speed electric motor, 110 or 220 volts.

HICKOK DUAL "L" RULING MACHINE

FOR RULING PAPER TWO WAYS ON ONE SIDE AT ONE FEEDING



HICKOK DUAL "L" RULING MACHINE, COMPOSED OF ONE STYLE 11 MACHINE, "L" ATTACHMENTS, AND ONE 1-A FEINT-LINE MACHINE, WITH TWO BEAMS AND LAY-BOY, ARRANGED TO BE OPERATED AS TWO SINGLE MACHINES OR AS AN "L"

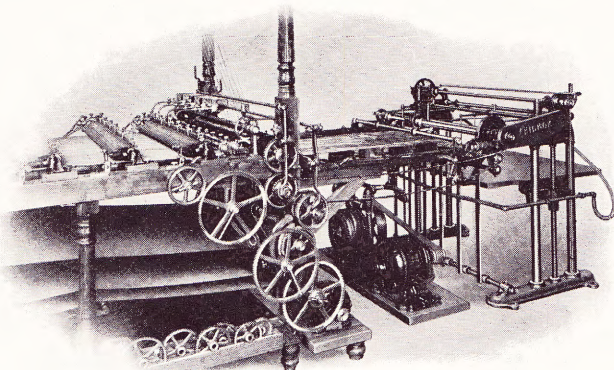
The Hickok Dual "L" Ruling Machine is designed for shops in which large quantities of billheads and stock forms are ruled, requiring down and cross lines on one side of the stock at one feeding, or on job work where runs are five reams or over. It does extremely accurate work. The mechanism for changing the direction of the paper from the first to the second machine, and for straightening the sheet as it goes to the second machine, is perfect, and it will handle very thin as well as very thick paper. For maximum production the Hickok Dual "L" Ruling Machine should be equipped with an automatic feeder.

Send for catalogue giving prices and fully describing this machine and its equipment

HICKOK FEEDER FOR RULING MACHINES

A RAPID AND SUCCESSFUL FEEDER

The Hickok Paper Feeder is designed to be used in connection with the Hickok Paper Ruling Machines. It feeds rapidly, has an even timing at given regular periods, and handles tissues and



HICKOK FEEDER FOR RULING MACHINES

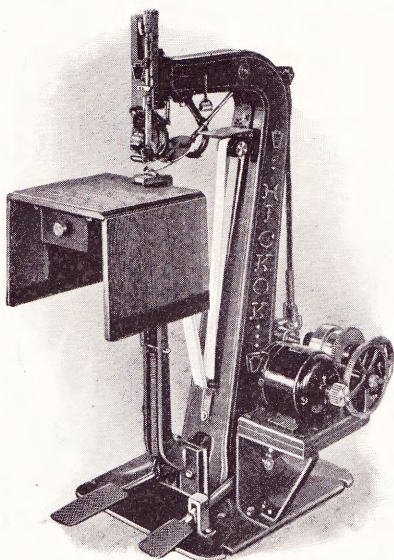
the various weights of flat and coated papers and cardboard. All adjustments can be made by hand, without screw driver or wrench. The operator can instantly stop and start the feeder from his position at the side of the ruling machine. On feint-line work the spacing can be accurately regulated so that the sheets will go into the ruling machine as close as one-quarter inch apart. The register is perfect. Feeder is driven by a roller chain and a sprocket on the end of the cloth cylinder shaft

of the ruling machine and requires but little power. A one-horsepower motor is required to drive the blower and this, as well as the blower, is included in the equipment. Send for descriptive circular giving prices and details regarding floor space, electrical equipment, etc.

HICKOK PAGING AND NUMBERING MACHINE

RAPID, EASY AND SIMPLE

The Hickok Paging and Numbering Machine with an automatic repeating device and automatic alternating device is a most complete machine. It is thoroughly up to date in every way. All wearing parts are made of steel. It is simple in design and easily understood. Heads on



HICKOK PAGING AND NUMBERING MACHINE
MOTOR EQUIPPED

half-set and stationary ciphers. It is made for either electric drive, combined steam and foot power or for foot power only. It is unequalled in printing, very light running and easy to operate.

The Paging Head is of the latest design and has many excellent features not possessed by any other paging and numbering machine, among which are the following: Dust-proof head, ink rollers that are firmly held at two ends, a serial automatic alphabet attachment, a repeating device so simple a child can operate it, a small stop on the side of the head to alternate the figures, an impression adjustment permitting the use of thick or thin stock without injury to the numbers, extreme depth back of feed table vertically and horizontally, rapid and simple device for raising or lowering the feed table, long smut-tape which feeds itself automatically, smooth ink distribution, and a disc that is easily set. Made for combined steam and foot power, electric drive or for foot power only.

Illustrated catalogue, which describes the machine in detail and shows the various styles of figures that are obtainable, will be sent upon request. Write for quotations.

SOUTHWORTH HEAVY DUTY PERFORATOR

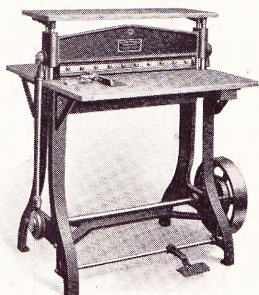
MADE IN THREE SIZES: 15, 20 AND 28 INCHES

The Southworth Heavy Duty Perforator will stand up under the most severe and continuous usage by manufacturing bookbinders and printers.

The head, bed and frame are of cast gray iron of ample size and weight to adequately serve their purpose without spring or distortion, and yet the machine is so designed that there is no great amount of useless weight to make it clumsy in operation and appearance.

The deep and rigid head is of cast gray iron and is provided with four reamed guide bearings, each six inches long. The four guide rods are of machine steel $1\frac{5}{16}$ in. diameter, turned and ground to an accurate fit in the head. The pins are made from a

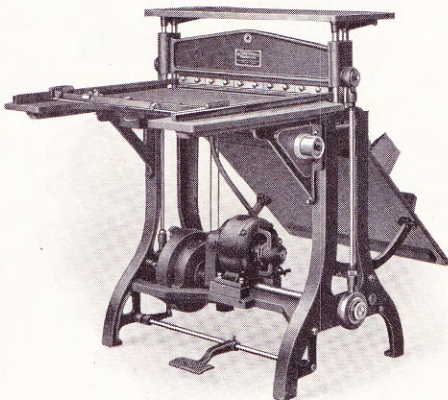
high grade tool steel and are left just hard enough to file. They are backed up by sectional blocks which are readily adjusted to suit any job. The die is of high carbon steel and is rigidly rabbeted into a heavy cast iron bolster which eliminates the possibility of splitting the die. It is left extremely hard and is guaranteed for five years. The stripper on these machines is equipped with an oiling device, on which a patent is pending, which effectually lubricates the pins without soiling paper. This improvement adds greatly to the ease of operation and to the life of the pins. All tables are of ash thoroughly seasoned, finished with two coats all over, and well cleated to prevent warping. A feature which will be greatly appreciated is the two brass rules inserted in the rear table to facilitate setting the gauge.



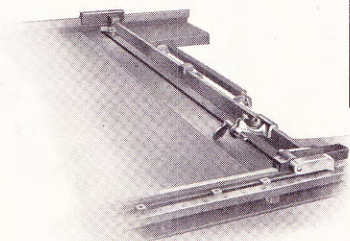
28 INCH BELT POWER



28 INCH FOOT POWER



28 INCH MOTOR DRIVEN



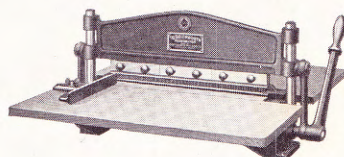
This illustration shows in greater detail the improved semi-automatic spacing gauge, and shows clearly the releasing bar so conveniently located under the operator's hand.

All tables are of ash thoroughly seasoned, finished with two coats all over, and well cleated to prevent warping. A feature which will be greatly appreciated is the two brass rules inserted in the rear table to facilitate setting the gauge.

SOUTHWORTH HAND POWER PERFORATOR

MADE IN 15 INCH SIZE ONLY

Southworth Hand Power Perforator is an honest-to-goodness perforator and, with the single $1\frac{5}{16}$ in. diameter guide rods, has a head far more substantially guided than many of the foot and power machines now on the market. It will be found a great convenience as an auxiliary machine for handling small jobs of perforating. The workmanship and material used in the construction is of the same high grade as is used in the larger perforators.



HAND POWER PERFORATOR

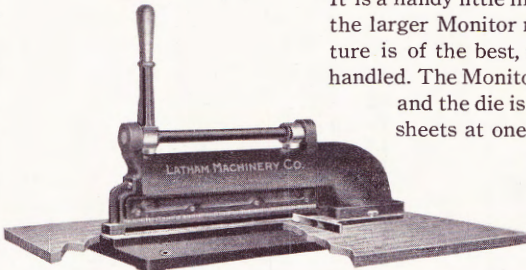
A circular describing the Southworth Perforators, together with prices, will be sent upon request

MONITOR HAND PERFORATOR

MADE IN 12 INCH SIZE ONLY

The Monitor Hand Perforator is designed for printers and bookbinders doing a limited amount of perforating, yet who require a machine capable of doing the odd jobs that come to them.

It is a handy little machine and operates on the same principle as the larger Monitor machines. The material used in its manufacture is of the best, and will give a lifetime of service if properly handled. The Monitor Hand Perforator is made in 12 inch size only, and the die is drilled for 60 gauge pins. Capacity from 3 to 5 sheets at one operation; weight, boxed, 75 pounds.



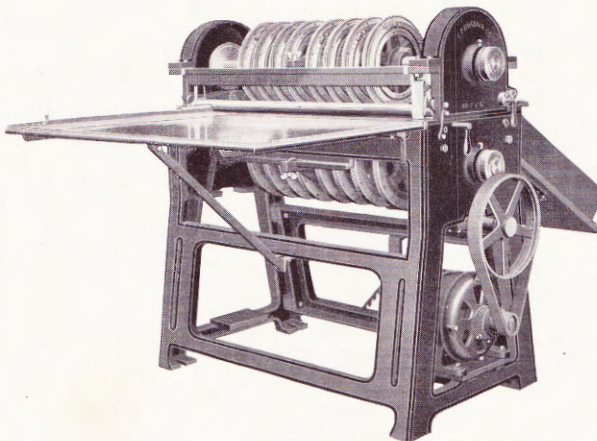
MONITOR HAND PERFORATOR

inches. All springs are encased in the body of machine, out of the way of operator. The stripper is flanged, which renders it stiff and firm and not liable to spring or careen. A needle accidentally bent can be removed and another inserted in its place by detaching the needle stop, removing the defective needle, and replacing it with a new one—the operation requiring but a few minutes' time. This feature will particularly recommend it to those who know by experience how much time and patience are required to replace defective needles on some perforators. Weight, boxed, about 70 lbs.

ROSBACK ROUND-HOLE ROTARY PERFORATOR

MADE IN TWO STYLES: SINGLE AND ANGLE MACHINES

The Rosback Round-Hole Rotary Perforator greatly reduces the cost of perforating bank checks, bank statements, bookkeeping sheets, railroad and insurance work, as well as all other classes of quantity perforating.



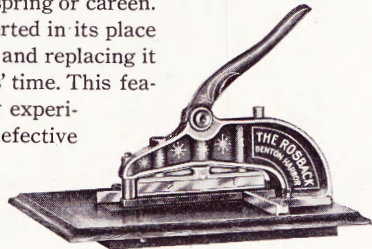
ROSBACK ROUND-HOLE ROTARY PERFORATOR

safely guarded. The burr rollers are made of brass, controlled by self-acting automatic springs, and are self-adjusting to any thickness of paper. Sheets will not stick together when several are perforated at one time. Write for prices and additional information.

ROSBACK HAND PERFORATOR

A 10 INCH MACHINE

The Rosback 10 Inch Hand Perforator makes a round hole and perforates fully ten



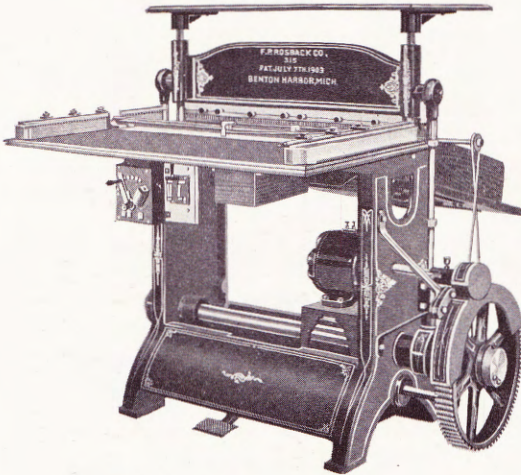
ROSBACK HAND PERFORATOR

The frame of the Rosback Round-Hole Rotary Perforator is massive and all points of contact are machined, insuring perfect bearing surfaces. All bearings for shafts, gearing, etc., are bored, and shafts are accurately ground. The punch holder heads are made of the best quality of steel on automatic machinery and are interchangeable with the dies. The dies are made from specially drawn high-carbon tool steel, inlaid in heavy die holder heads, and are interchangeable. The upper heads are graduated the same as a rule or scale, making it easy to locate the work. Both upper and lower feed rollers are of steel, driven by gears

ROSBACK XX HEAVY POWER PERFORATOR

EQUIPPED WITH AUTOMATIC SHEET DELIVERY

The Rosback XX Heavy Power Perforator is a round-hole perforator with feed gauge and automatic delivery. It will perforate any number of lines one way with but one handling of the sheet. It is built strong and durable and is easily operated. The dies are made from im-



ROSBACK XX HEAVY POWER PERFORATOR

ported steel $\frac{3}{16}$ inch thick, fire hardened, and guaranteed by the manufacturer for five years. The punches are made of tool steel and are also fire hardened.

The feed gauge attachment is a great time-saver when there are several lines of perforations required. Adjustable stops, which can be fastened in any position, assure exact register. Four or five sheets may be fed into the machine at one time.

The automatic sheet delivery does away with one handling of the stock. The reclining rear table is adjustable to different angles, providing for different thicknesses of the piles of paper.

The punches are directly under the head, in line with side rods, insuring a perfect, even draw and minimum wear on the pins, dies and stripper. The stripper is an acknowledged improvement over former

methods and positively prevents springing or binding, elongating holes, or wearing out needles.

The sectional adjustment of the punches is positive and simple, and when once set cannot slide and cause defective perforation. A single punch can be removed and a new one inserted in a moment, without removal of other punches. Rosback XX Heavy Power Perforator is built in two sizes for power only, as follows: 28 inch, weight 1000 lbs.; 30 inch, weight 1050 lbs.

ROSBACK FOOT POWER PERFORATOR

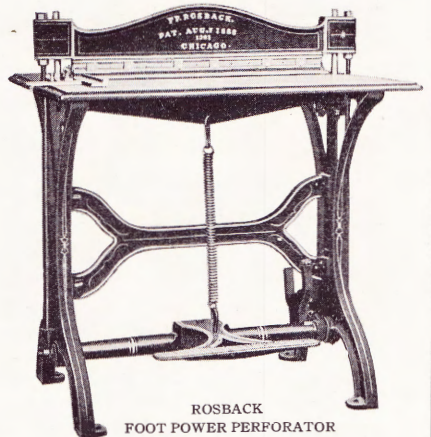
A HARD-DIE MACHINE FOR PERFECT PERFORATION

The Rosback Foot Power Hard-Die Perforator is built strong and durable, and makes a perfect perforation. One important feature is the sliding steel plates on front of needle bar which enable the operator to easily and quickly provide for stubs of checks, etc., rendering a portion of the needles inoperative. To do this the operator unloosens the thumbscrews on the sliding plates, moves the plates to a position over that portion of the paper to be perforated, tightens thumbscrews, and the machine is ready for work. That portion over which the space or spaces between the plates occur will remain unperforated.

The punches are directly under the center of the head, insuring a straight downward stroke without tilt. The stripper has a heavy flanged back, and will not spring. The bed on which the die plate is fastened is heavy and strong, insuring a solid cutting surface.

The Rosback Foot Power Hard-Die Perforator is made in 15, 20, 24 and 28 inch sizes. The 15 inch machine weighs 320 lbs.; the 20 inch weighs 360 lbs.; the 24 inch weighs 440 lbs.; and the 28 inch weighs 440 lbs.

Send for illustrated pamphlet fully describing Rosback Perforators. Ask for prices.



ROSBACK
FOOT POWER PERFORATOR

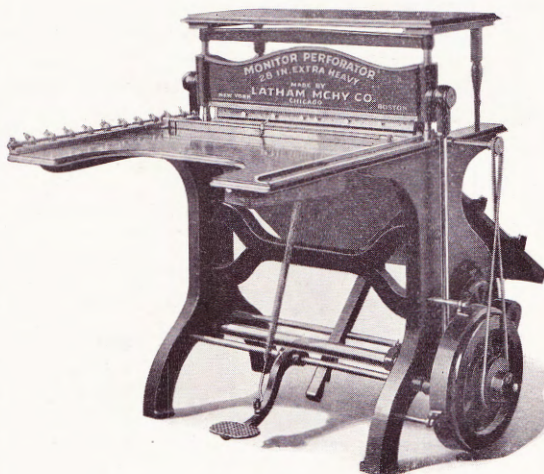
MONITOR STANDARD AND EXTRA HEAVY POWER PERFORATORS

The Monitor Standard and Extra Heavy Power Perforators are built in two models. The Extra Heavy Perforator is provided with a die which is especially heat-treated to insure long life on exceptionally heavy work; the other model is the same. The die on both machines is secured to the bed by the new Monitor method, which insures great strength and at the same time eliminates the necessity of screw-holes in the die itself. Bevel edges guard against any possibility of the die springing.

The head of the machine to which the pins are attached is heavy and so guided and driven that there is no possibility of lost motion, and the pins therefore register perfectly with the holes in the die. The bed supporting the die is a solid one-piece casting, strong and rigid, and will not spring. It will easily perforate five sheets of ordinary stock at a time.

The Monitor Standard Power Perforating Machine is built in 24 and 28 inch sizes, and the Monitor Extra Heavy is built in 24, 28, 30 and 36 inch sizes. The capacity of each machine is from three to five sheets at one operation. Motor, $\frac{1}{4}$ horsepower; weight, crated, 850 pounds.

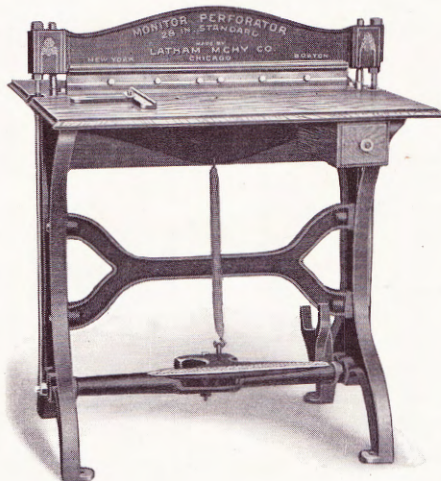
The illustration at the right shows the front view of Monitor Extra Heavy Power Perforator with motor attached, automatic feed gauge and receiving box with back roll delivery.



MONITOR EXTRA HEAVY POWER PERFORATOR

MONITOR FOOT POWER PERFORATOR

MADE IN 20, 24 AND 28 INCH SIZES



MONITOR FOOT POWER PERFORATOR

The Monitor Foot Power Perforator is perfectly constructed mechanically, performs smoothly, and will prove a profitable investment for a plant having a limited amount of perforating. It has all necessary features and adjustments to handle any class of perforating. The die is the same as on all Monitor standard perforators and is fastened to bed of the machine by our new and improved method. It is made of the very best material obtainable and drilled on a special machine, insuring perfect spacing and alignment. The pins are attached to a heavy head, eliminating lost motion and assuring perfect register with the die. The bed supporting the die is a solid one-piece casting, which makes it strong and rigid.

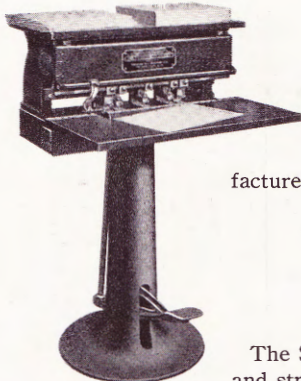
The capacity of the Monitor Foot Power Perforator is from three to five sheets at one operation; size of holes, 60 gauge. Weight, crated, 500 pounds.

All Monitor Perforators carry the manufacturer's guarantee against defects in construction, material, workmanship and undue wear on parts.

Send for illustrated pamphlet fully describing the line of Monitor Perforators and Attachments. Ask for quotations

PORTLAND MULTIPLE PUNCHING MACHINE

MADE FOR FOOT POWER ONLY



FOOT POWER

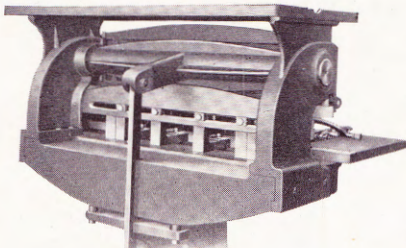
The Portland Multiple Punching Machine was first placed on the market in 1909, in three models—foot power, belt power and motor driven—and because of its superior workmanship, convenience of adjustment and ease of operation, was immediately accepted by the printing and binding trades as the standard of excellence in this field. This machine is now built in foot power model only. Several new features in the way of refinements have been made, but very little more weight has been added, as the experience of several thousand satisfied users of this machine in the power models has proven this to be unnecessary in a machine to be operated by foot power. The Portland Multiple Punching Machine is guaranteed by the manufacturers for one year against defects in either workmanship or material.

THE SUPER-PORTLAND MULTIPLE PUNCHING MACHINE

TWO MODELS: BELT DRIVE OR DIRECT CONNECTED MOTOR DRIVE

The Super-Portland Multiple Punching Machine is built much heavier and stronger, yet retains all the conveniences of the original Portland. In the Super-Portland there have been embodied many improvements which the manufacturers' long experience in the punching machine field has shown would better enable it to meet the exacting conditions and severe duty of modern manufacturing methods.

It will stand up under continuous use on the heaviest work without a sign of weakness or distress. It is made in two styles, for either belt drive or direct connected motor drive. The Super-Portland is guaranteed by the manufacturers for one year against defects in either workmanship or material.



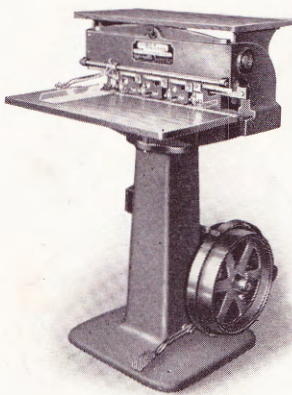
REAR VIEW OF SUPER-PORTLAND HEAD

PUNCHING EQUIPMENT

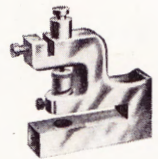
The Punching Equipments for all models of the Portland and Super-Portland Multiple Punching Machines are interchangeable. Round-hole punching sets are furnished in 14 sizes, from $\frac{3}{32}$ inch to $\frac{1}{2}$ inch by thirty-seconds, and are designated by thousandths of an inch. A punching set consists of punch, die and stripper. Any round-hole punching set may be quickly removed from the round-hole head and another inserted. *Punching sets are not included in the price of punch heads.*

The punching equipment includes open-hole and irregular punch heads for loose-leaf and card index punching, tab-cutting attachments for vertical filing systems, and our standard bookkeeping machine heads supply a service for punching stock for bookkeeping machinery.

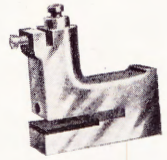
Send for circular describing the line of Portland Punching Machines, Punch Heads, Dies, etc. Ask for quotations.



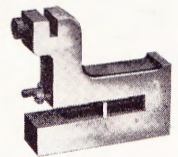
SUPER-PORTLAND, MOTOR DRIVEN



R. H. HEAD



O. H. HEAD



GAUGE HEAD

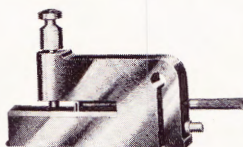
FALMOUTH PUNCHING MACHINE

A HAND POWER BENCH MACHINE

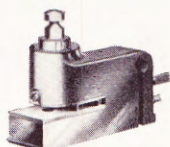
The Falmouth Punching Machine is designed for table or bench use, and is the latest addition to the line of Portland Punches. It is jig built, insuring the highest accuracy and perfect

interchangeability of all parts, and is guaranteed by the manufacturer for one year to be free from defect in either material or workmanship. The design of the machine and heads is evident from the accompanying illustrations. Each punch head is furnished as a complete unit and is not provided with interchangeable punch and die. The round-hole punches vary in size by thirty-seconds, from $\frac{3}{32}$ to $\frac{3}{8}$ inch.

We are also prepared to furnish some of the most commonly used open-hole punches. Ask for quotations.



R. H. HEAD



O. H. HEAD



FALMOUTH
HAND POWER PUNCHING MACHINE

SOUTHWORTH PUNCHING MACHINES

MADE IN TWO STYLES: HAND AND FOOT POWER

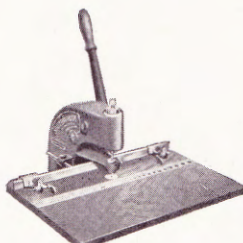
The Southworth Punching Machines are for punching paper, cardboard, celluloid, thin sheet metal and other material. They are designed for round-hole punching only. Irregular shapes, such as open holes for loose-leaf sheets, card indexes, etc., cannot be punched with them.

Punches vary in size by thirty-seconds, from $\frac{1}{32}$ to $\frac{1}{2}$ inch. One punching set is included in price of machine.

Eyeletting can also be done in a satisfactory and economical manner. Can furnish eyelets and eyelet sets varying by sixteenths, from $\frac{1}{8}$ to $\frac{3}{8}$ inch.



SOUTHWORTH
FOOT POWER PUNCHING
MACHINE



SOUTHWORTH
HAND POWER PUNCHING
MACHINE



STERLING
ROUND CORNERING
MACHINE
FOOT POWER



SOUTHWORTH
LABEL TRIMMER
AND
COUPON CUTTER

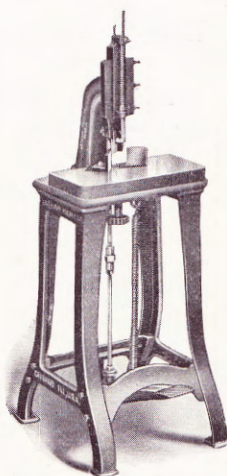
STERLING ROUND CORNERING MACHINE

The Sterling Round Cornering Machine is made in both hand power and foot power types. The machine is self-clamping and very rapid. The capacity is a little over one inch of stock. Any number of sheets can be round cornered from a single sheet up to the full capacity of the machine. The knife cuts onto a block of end-grain hardwood, held in position by a spring. One No. 1 knife, four cutting blocks and a wrench are included with the machine.

SOUTHWORTH LABEL TRIMMER AND COUPON CUTTER

The Southworth Label Trimmer and Coupon Cutter is similar in design to the Sterling. The cutting base and gauges, however, are different, and the curved and right-angle knives serve the purposes indicated in the name.

A descriptive bulletin of the above machines together with prices will be sent on request



MONITOR ROUND CORNER CUTTING MACHINE

The Monitor Round Corner Cutting Machine is a first class machine in every respect. It is made for either foot power or motor power for plants doing a general run of round cornering work. Three knives are furnished with each machine, each of a different radius, and they will take care of about everything called for. The knife is carried in head of the machine and travels in a beveled guide 8 inches long which is provided with a gib to take up lost motion. The clamp moves down ahead of the knife and holds the stock securely while the cut is being made. The cutting block is made of babbitt metal. It can be turned around and also can be raised and planed off, assuring a smooth cutting surface.

The Monitor Round Corner Cutting Machine operated by foot power will make a maximum cut of 2 inches. When operated by motor power it will make a maximum cut of 3½ inches. Weight, boxed, 525 pounds. Write for circular and prices.

24 INCH MONITOR MULTIPLEX PUNCHING MACHINE

CAN BE EQUIPPED FOR ELECTRIC DRIVE, BELT DRIVE OR OPERATED BY FOOT POWER

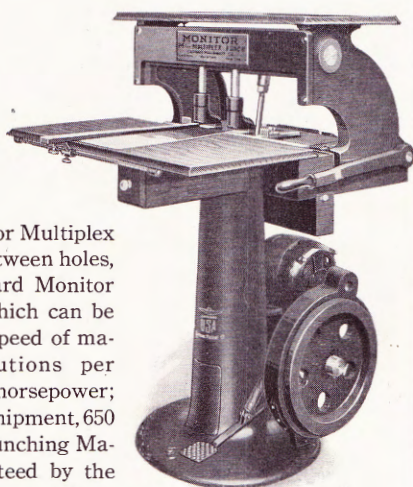
The 24 Inch Monitor Multiplex Punching Machine is a quality machine and will efficiently handle the general run of work in the average printing office or bindery. It is built for either direct electric motor drive, belt drive or for foot power. A foot power machine can be changed to either motor or belt drive by the addition of a few parts. The head and bed are so designed that standard Monitor punch blocks can be used; in fact, they are the same blocks used on larger Monitor punching machines. An outstanding feature is the Monitor lever lock-up, which simultaneously locks all punching members in a positive manner. Two back gauges are furnished with each machine.

The specifications of either model of the 24 Inch Monitor Multiplex Punching Machine are as follows: Maximum distance between holes, 24 inches; maximum distance between holes of standard Monitor blocks, 1½ inches; maximum thickness of soft stock which can be

punched, ½ inch; speed of machine, 140 revolutions per minute; motor, ⅓ horsepower; weight, crated for shipment, 650 pounds. Monitor Punching Machines are guaranteed by the manufacturers against defects in construction, material and workmanship. Write for prices.



24 INCH
MONITOR
MULTIPLEX
PUNCHING
MACHINE,
FOOT POWER



24 INCH MONITOR MULTIPLEX
PUNCHING MACHINE WITH
DIRECT CONNECTED MOTOR

24 INCH MONITOR MULTIPLEX PUNCHING MACHINE

FOR FOOT POWER

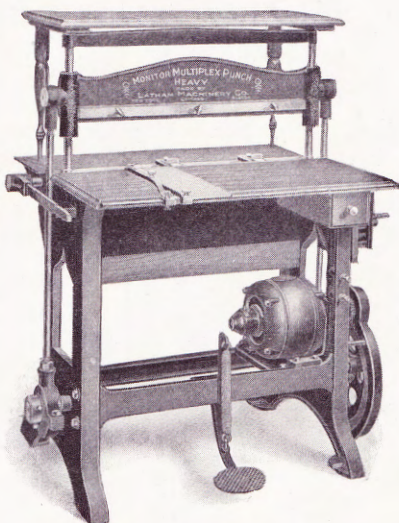
The 24 Inch Monitor Multiplex Punching Machine for foot power can be changed to electric drive or belt drive machine by the addition of a few attachments which are easily installed. Write for information and prices.

28 INCH MONITOR MULTIPLEX PUNCHING MACHINE

FOR ELECTRIC DRIVE, BELT DRIVE OR FOOT POWER

The 28 Inch Monitor Multiplex Punching Machine is a heavy duty model and has been a standard machine with printers and bookbinders for many years. It can be equipped for electric motor or belt drive. In general design it is similar to previous Monitor models, yet a number of important improvements have been added, making it a decidedly up-to-the-minute punching machine. Like the 24 inch size, this machine is equipped with the Monitor lever lock-up, and all punching members are simultaneously locked by a device operated by an eccentric shaft, positive in action, which makes it impossible for the individual punches to shift after they have once been locked in position. The punching members can be placed in the machine from the front.

Two back gauges are furnished with each machine. The specifications of the 28 Inch Monitor Multiplex Punching Machine are as follows: Distance between uprights, 30 inches; minimum distance between holes of standard Monitor blocks, $1\frac{1}{2}$ inches; maximum thickness of soft stock that can be punched, $\frac{1}{2}$ inch; speed of machine, 140 revolutions per minute; motor, $\frac{1}{2}$ horsepower; weight, crated for shipment, 930 pounds.



28 INCH MONITOR MULTIPLEX PUNCHING MACHINE, FRONT VIEW, EQUIPPED WITH DIRECT CONNECTED MOTOR

ROSBACK SPECIAL SIX AND PONY PUNCHING MACHINES

The Rosback Special Six Punching Machine is made with a one-piece base casting and has an all-iron table graduated with inch scale. The head is pulled down by heavy hexagon side rods operating by an eccentric on a heavy shaft. Will punch round or open holes, perforates (like postage stamps), tab cuts for index cards, and round-corners thick pads. It is a 28 inch machine, and punches any distance between centers up to 27 inches, and no gauge heads are required.

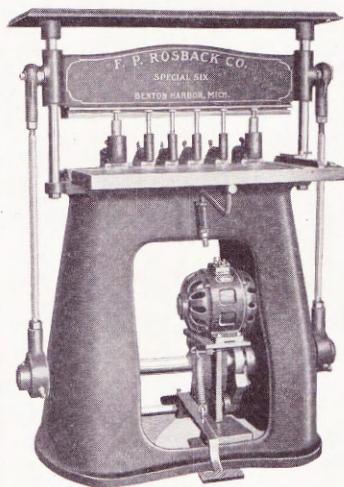
The Rosback Special Six Punching Machine has a triple leverage, which makes it a most powerful machine and capable of doing a very wide range of work; in fact, it will do anything that can be accomplished by the most expensive machine made. When equipped with the interchangeable perforating, tab cutting and round-corner cutting parts, it is an accessory which is a time-saver and a money-maker.

The attachments are all one-piece heads and need but a few minutes to change one to the other. They include an open-hole head, round-hole head, double adjustable tab cutting head, round-hole perforating attachment, round-corner attachment, and a deep-throat head.

The Rosback Special Six Punching Machine is furnished for foot power, belt power or electric motor drive. A foot power machine can be equipped for belt drive or motor power by the addition of the extra fixtures. When motor power is furnished by the manufacturers, the driving gear is installed inside the frame entirely out of the way.

The Rosback Pony Six Punching Machine is a 24 inch machine designed along the same lines as the Special Six but sold at a considerably lower price.

Write for descriptive circular and ask for quotations on our line of Punching Machines

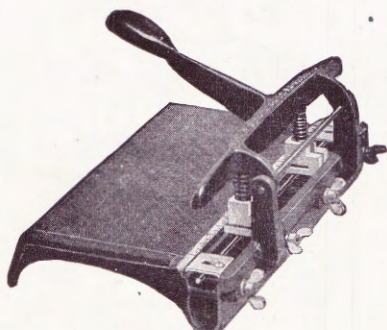


ROSBACK SPECIAL SIX PUNCHING MACHINE AND MOTOR

STANDARD HAND PUNCHING MACHINES

MADE IN TWO SIZES

No. 1 Standard Hand Punching Machine will punch holes any distance apart from $\frac{1}{2}$ inch to $10\frac{1}{4}$ inches on any size sheet. Maximum distance from center of hole to edge of sheet is $\frac{5}{8}$ inch. Punches are easily removed, and can be sharpened with a round file. Weight of machine with

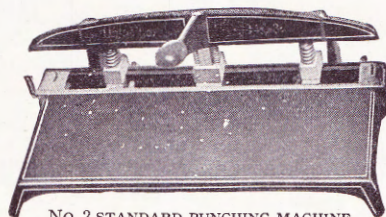


No. 1 STANDARD PUNCHING MACHINE

two heads is 8 pounds.

No. 2 Standard Punching Machine is similar in construction to the No. 1, but is larger, heavier and stronger, and is capable of punching holes any distance apart up to $14\frac{3}{4}$ inches in any length of sheet. Takes the same Punch Heads as No. 1. Weight, 20 pounds.

The Standard is a handy machine for small jobs of punching and it soon pays for itself.



No. 2 STANDARD PUNCHING MACHINE

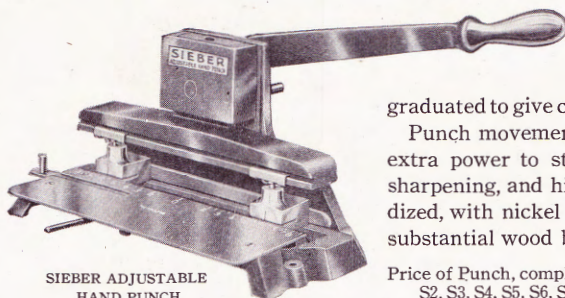
Standard Punching Machine No. 1 (without punches)	\$10.00
Standard Punching Machine No. 2 (without punches)	14.75
Style U Punch Heads, for punching single round holes; made in $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ and $1\frac{1}{2}$ inch	3.25
Style DU Double Round-Hole Punch Heads, made in $\frac{1}{8}$ inch	5.00
Style CU Punch Head. A combination Punch Head capable of punching five different sizes of round holes as follows: $\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$ and $\frac{3}{8}$ inch. Fitted with five punches, four of which may be removed, leaving proper size punch in the die for punching. Price complete	14.75
Styles 13U and 15U Slotted Hole. Price each	39.50
Style US, made in $1\frac{1}{2}$, $\frac{3}{4}$ and $1\frac{3}{4}$ inch for punching round holes, slotted for loose leaf work	4.00

SIEBER ADJUSTABLE HAND PUNCH

THE LATEST DEVELOPMENT IN HAND PUNCHING MACHINES

The Sieber Adjustable Hand Punch is a splendid auxiliary to the power punching machine; does the work as well and as cheaply; easily and quickly made ready.

This punch is of extra heavy construction and built to take all classes of loose leaf punching,



SIEBER ADJUSTABLE
HAND PUNCH

taking any size sheet. Dies are easy to adjust to various centers up to $8\frac{1}{2}$ inches center to center. Movable end gauge may be locked at any place; table is graduated to give center to center of holes with greatest ease.

Punch movement is positive, with eccentric shaft giving extra power to stroke. Dies are of hardened steel, self-sharpening, and highly nickel plated. Punch is copper oxidized, with nickel plated table and handle grip. Packed in substantial wood box ready to ship; weight, 17 pounds.

Price of Punch, complete, with two solid round-hole dies either S2, S3, S4, S5, S6, S7, S72 or S174..... \$25.00

EJECTOR PRESS PUNCHES

Ejector Press Punch, complete, $\frac{3}{32}$, $\frac{1}{8}$, $\frac{5}{32}$, $\frac{3}{16}$, $\frac{7}{32}$ or $\frac{1}{4}$ inch, mounted on body $\frac{1}{16}$ in. square (small)	\$0.60
Ejector Press Punch, complete, $\frac{1}{16}$ or $\frac{3}{16}$ inch, mounted on body $\frac{1}{16}$ inch square (medium)	1.00
Ejector Press Punch, complete, $\frac{1}{2}$ inch, mounted on body $\frac{1}{4}$ inch square (large)	1.30
Ejector Press Punch, complete, $\frac{3}{8}$ inch, mounted on body $\frac{1}{2}$ inch square (large)	1.40

	Small	Medium	Large
Extra Cutters.....each	\$0.30	\$0.45	\$0.60
Extra Screws.....price for six	.20	....	....
Extra Square Bases.....each	.20	.40	.60
Extra Plungers.....each	.15	.20	.25
Extra Cutting Plates, per dozen	.15	.20	.25
Extra Springs.....price for six	.20	.25	.30

Write for descriptive circular

HICKOK BOOKBINDERS' SHEARS

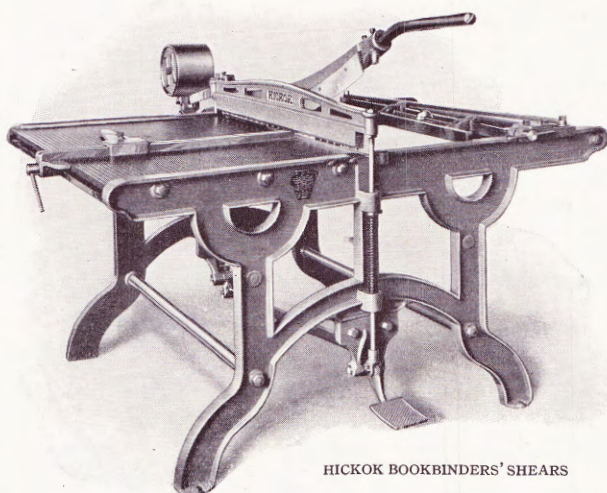
WITH NEW STYLE AUXILIARY GAUGE

The Hickok Bookbinders' Shears have recently been greatly improved and are now considered the best on the market. The hold-down clamp is vertical-acting and will hold firmly anything

from tissue paper to the heaviest binders' board. It is rigidly constructed and should show no wear after many years of service.

The table on back gauge is always in perfect alignment with the knife, thus saving a great amount of time usually used in adjusting. Front stop or gauge is quickly moved into any position desired and securely locked by a single hand-lever. A new style Auxiliary Gauge for cutting extra narrow strips is also provided.

Hickok Bookbinders' Shears has a 36 inch cut. The front gauge runs out 24 inches from the knife; the table is 24x36 inches. Floor space required, 81x57 inches. Weighs, crated, about 950 pounds.



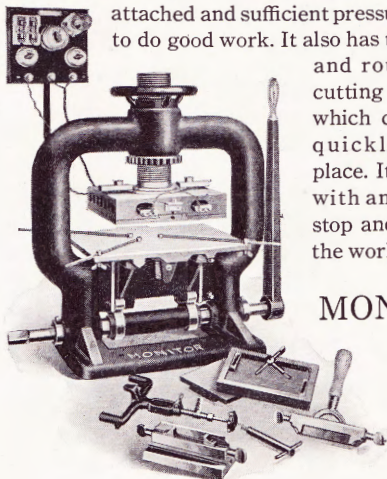
HICKOK BOOKBINDERS' SHEARS

HICKOK COMBINED LETTERING PALLET PRESS

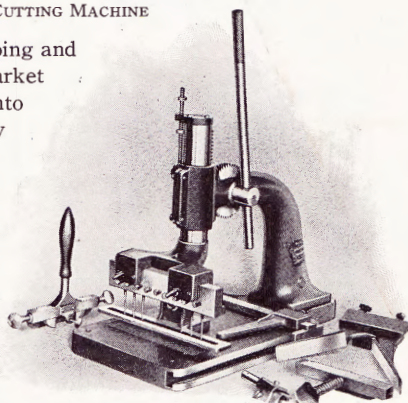
STABBING AND ROUND CORNER CUTTING MACHINE

The Hickok Combined Lettering Pallet Press, Stabbing and Round Corner Cutting Machine was placed on the market after a persistent demand had been made for a press into which a lettering pallet could be quickly and securely fastened. When a few impressions which need pressure are required, the Lettering Pallet can be quickly

attached and sufficient pressure obtained to do good work. It also has the stabbing and round corner cutting attachment which can be very quickly put into place. It is equipped with an automatic stop and guides for the work.



MONITOR BENCH LEVER EMBOSSE
ELECTRICALLY HEATED



HICKOK COMBINED LETTERING PALLET PRESS
STABBING AND ROUND CORNER CUTTING MACHINE

MONITOR BENCH LEVER EMBOSSE

SIZE OF HEAD, 13x13 INCHES

The Monitor Bench Lever Embosser will handle all classes of hot embossing. Two platens of different size, a chase, quoins, key and pallet are furnished with the machine. Equipped with gas burners but an electric heating device can be furnished if desired. The frame of the machine is a solid casting and will stand

MONITOR BENCH LEVER EMBOSSER—Continued

enormous strains. Two heavy cams cause the bed to rise as lever is pulled forward. Bed is considerably larger than head and allows the use of gauges to hold the work in position. Bed also slides back and forth and can be locked in any position.

The Monitor Bench Lever Embosser equipment includes gas heated head, one pallet opening 5 inches, one chase 5x8 inches with quoins and key, one platen 13x13 and one platen 6x9 inches. Write for descriptive circular and prices.

HICKOK BOOKBINDERS' JOB BACKER

FOR BACKING AND SAWING BOOKS

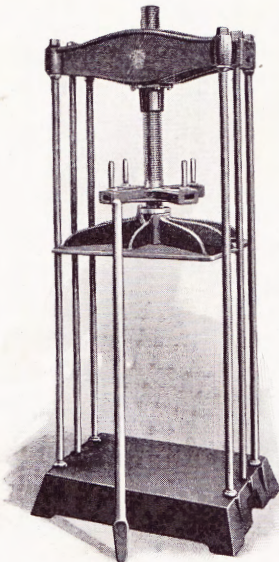
The Hickok Bookbinders' Job Backer is a new pattern machine, built with heavy frame, steel screw, gun metal nut, and the jaws are accurately aligned with each other. It is finished in a superior manner and is entirely up to the high standard of the manufacturer. It is a first class machine for backing and sawing out books.

The Hickok Job Backer is made in two sizes: Jaws 21 inches long, open $4\frac{1}{2}$ inches; and jaws 29 inches long, open $4\frac{1}{2}$ inches. Floor space required, 31x22 inches.

HICKOK STANDING PRESSES

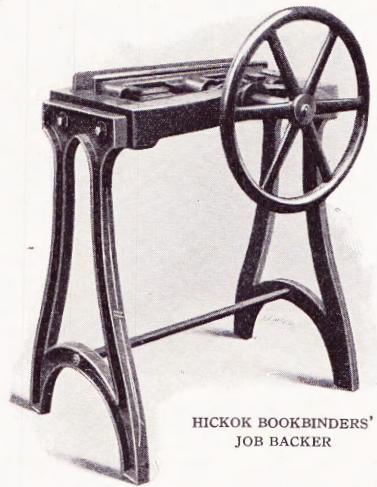
FOR BOOKBINDERS

Hickok Standing Presses are made of the highest grade materials and the workmanship on them is the best. The No. 6 Press, illustrated, is the most popular size for the average bindery. Large numbers of them are in use wherever bookbinding is done. The No. 6 has a $3\frac{1}{4}$ inch steel screw, the platen is 21x29 inches and opens 43 inches; weight, 1350 pounds.



No. 6 HICKOK STANDING PRESS

Efficient practice in binderies and pressrooms requires that stock should be kept on wheels, to avoid lifting and handling, as much as possible, both these operations being wasteful either of time or stock, or both. This table carries a large quantity of stock, yet when loaded it may be moved around easily. Fibre wheels make it noiseless.



HICKOK BOOKBINDERS'
JOB BACKER

The Hickok line of Bookbinders' Standing Presses is very complete and to anyone interested we shall be pleased to send illustrated pamphlet that fully describes the line and to quote prices.

STEEL STOCK-FORWARDING TRUCK

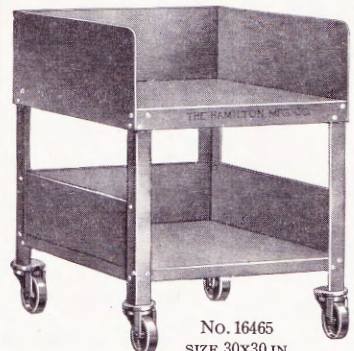
MAKES FOR EFFICIENCY IN THE BINDERY AND PRESSROOM

No. 16465 Steel Stock-Forwarding Truck, 30x30 inches inside, with casters with iron wheels, as illustrated.

No. 16465-A is same table, but with casters with fibre wheels.

Height to flat top, 32 inches. Approximate shipping weight, 280 pounds.

Efficient practice in binderies and pressrooms requires that stock should be kept on wheels, to avoid lifting and handling, as much as possible, both these operations being



No. 16465
SIZE 30X30 IN.

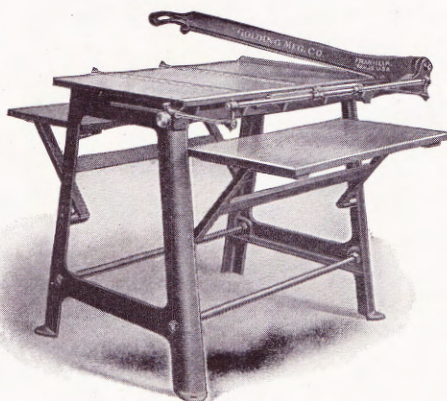
THE BOSTON CARD CUTTERS

Boston Card Cutters have been on the market for many years and thousands are in daily use in printing offices, binderies, factories, business offices, photograph galleries, schools, drafting rooms and many other business places. They will cut card and paper stock, cloth, rubber, trim photographs, blue prints and many other kinds of materials. The knives are made of the best grade of tempered tool steel. They have a drawing cut which makes a clamp unnecessary. All Boston Cutters have a balanced handle which lifts itself after each operation. There are a variety of styles and sizes made that are not shown in this catalogue. To any one interested we shall be pleased to send a circular illustrating and describing the full line and quote prices.

THE BOSTON CUTTER NO. 36B

WITH IRON STAND AND FOLDING TABLE

Boston Cutter No. 36B, as illustrated, is complete with iron stand and folding table. It has an adjustable front gauge of steel and a back gauge consisting of two steel rods. Both can be locked by set screws provided for the purpose. The Boston Cutter No. 36B is a well-built, complete machine and will be found a great convenience in printing offices for cutting card stock and also in drafting rooms for trimming blue prints, etc. The knife is 36½ inches long, making the machine adaptable for many kinds of work. No. 36 is the same machine as No. 36B excepting that it is not provided with the iron stand and folding table.



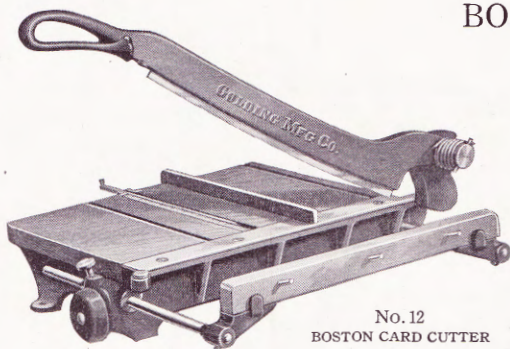
No. 36B BOSTON CUTTER

BOSTON CARD CUTTER NO. 12

MADE IN THREE SIZES

Boston Card Cutter No. 12, as illustrated, has a knife 12½ inches long. The illustration shows the movable side gauge in the center of the table. This illustrates the use of the special grooves found in the table of each Boston Cutter. The side gauge may easily be removed, making it possible to cut accurately any length of stock even with the smallest Boston Cutters.

The same design is also made in 16 inch, 24 inch, and 35 inch sizes.

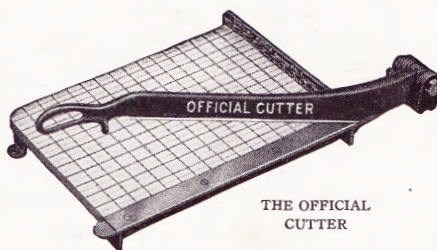


No. 12
BOSTON CARD CUTTER

THE OFFICIAL CUTTER

FOR INDIVIDUAL SERVICE

The Official Cutter is a low priced machine manufactured especially to meet the requirements of the individual. The Official has a table of hardwood, ruled in graduations of one inch, making it a convenient cutting guide at any point. The gauge is graduated to eighths of an inch. Equipped with spring-back handle, well balanced and easy to operate. The Official Cutter is made in two sizes, 12 inch and 16 inch. Write for descriptive circular and prices.

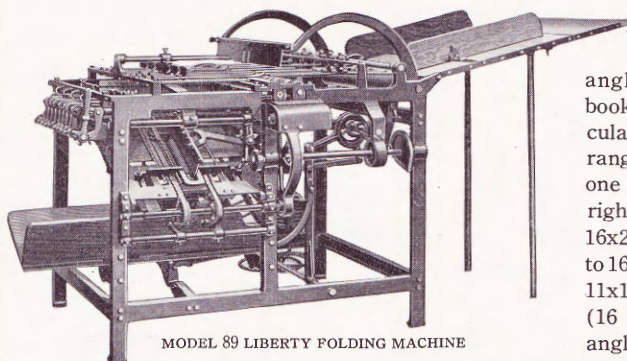


THE OFFICIAL
CUTTER

MODEL 89 LIBERTY FOLDING MACHINE

COMBINATION JOB, CIRCULAR, BOOK AND CATALOGUE MACHINE

The Model 89 Liberty Quick-Change Folding Machine does a large variety of folding. It is very simple in its mechanism and is equipped with a slip-gear which permits the parts of the machine not in use to remain idle, thereby saving both power and unnecessary wear. It will



MODEL 89 LIBERTY FOLDING MACHINE

make one, two or three right-angle folds, also one right-angle fold followed by two parallel folds at right angles to the first fold. It will handle books, booklets, briefs, catalogues, circular letters, price lists, covers, etc. Its range of work is as follows: 6x6 to 22x32, one fold (4 pages); 7x11 to 22x32, two right-angle folds (8 pages); 5½x12 to 16x22, two parallel folds (8 pages); 5½x9 to 16½x16, two parallel folds (6 pages); 11x14 to 22x32, three right-angle folds (16 pages); 11x14 to 22x32, one right-angle fold followed by two parallel folds at right angles to first fold (16 pages);

5½x9 to 16½x16, two parallel folds (accordeon), 6 pages; 8½x11 to 16½x24, three folds, letter-fold.

The Model 89 Liberty Quick-Change Folding Machine has a 16 page perforator regulator equipment. Send for descriptive circular of the complete line of Liberty Folding Machines. Quotations will be made upon request.

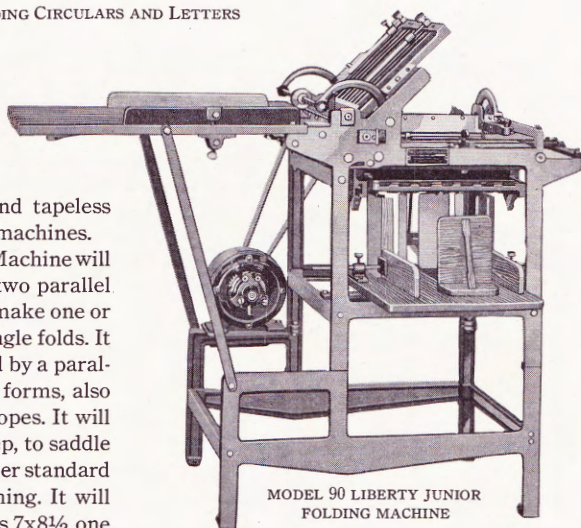
MODEL 90 LIBERTY JUNIOR FOLDING MACHINE

FOR FOLDING CIRCULARS AND LETTERS

The Model 90 Liberty Junior Folding Machine is built in a first class manner throughout, and has a range of 5½x6 inches to 17x22 inches. It makes all the useful and standard folds required of a machine of its kind. It has all the advantages of both tape and tapeless machines, being a combination of both machines.

The Model 90 Liberty Junior Folding Machine will make one right-angle fold followed by two parallel folds at right angles to first fold. It will make one or two parallel folds, or one or two right-angle folds. It will make two right-angle folds followed by a parallel fold. It will fold 4, 6, 8 and 16 page forms, also letters for either single or double envelopes. It will fold 8 or 16 page forms one or more deep, to saddle stitch, insert or gather; also, 6 pages either standard or accordeon or 12 pages for side stitching. It will fold 8 pages oblong on pages as large as 7x8½ one on, or 8 pages oblong on pages as large as 5½x8½ two on. It will handle pages as large as 8½x11¼ inches 4 and 8 page forms, or 6, 12 and 16 page forms with pages as large as 4¼x11¼. It will handle a page as small as 2⅞x5½ on any of the above forms and do the work accurately and entirely satisfactorily.

Any establishment doing a considerable amount of booklet and circular work will find the Model 90 Liberty Junior Folding Machine of great assistance in turning out the work rapidly.



MODEL 90 LIBERTY JUNIOR FOLDING MACHINE

Write for circulars and prices on the complete line of Liberty Folding Machines

HAMILTON STEEL BINDERY TABLES

These have angle iron frames and reinforced steel tops. The standard height is 32 in., but other heights approximating the standard will be supplied on special order.

No. 16450 Steel Bindery Table, working surface 36x72 in., four legs, as illustrated. Approximate shipping weight, 285 lbs.



No. 16460
SIZE 30X30 IN.

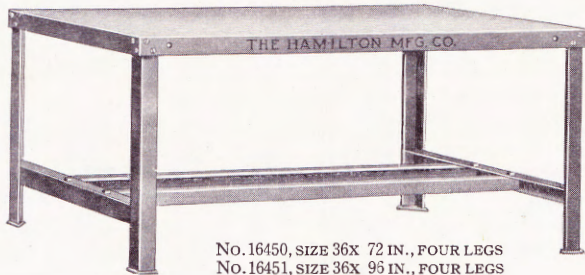
The superior durability of these tables, as well as their strength and rigidity, commend them for use in binderies. They cannot be hacked with knives or worn by contact with the feet of those who use them, and will present a good appearance long after wood tables must be scrapped. Write for information and prices.

No. 16451 Steel Bindery Table, working surface 36x96 in., four legs, as illustrated. Approximate shipping weight, 375 lbs.

No. 16452 Steel Bindery Table, working surface 36x114 in., six legs. Approximate shipping weight, 435 lbs.

No. 16460 Steel Bindery Table, working surface 30x30 in., four legs, as illustrated. Approximate shipping weight, 190 lbs.

CASTER WHEELS—These tables are supplied with casters, upon special order, in any height.

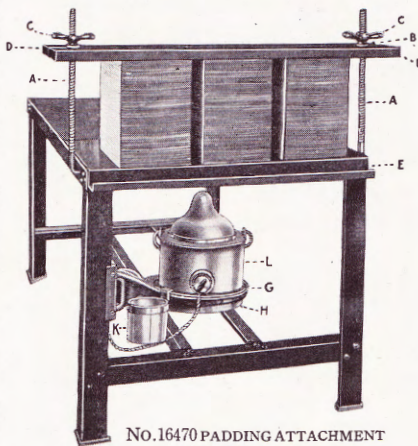


No. 16450, SIZE 36X 72 IN., FOUR LEGS
No. 16451, SIZE 36X 96 IN., FOUR LEGS
No. 16452, SIZE 36X114 IN., SIX LEGS

PADDING AND GLUING-ON ATTACHMENTS

Hamilton Steel Bindery Tables are made instantly available as padding or gluing-on tables by the addition of simple attachments, as shown in illustration.

No. 16470 Padding Attachment for Hamilton Steel Bindery Tables having a 36 in. working surface, includes drip pan (E). Approximate shipping weight, 60 lbs. Uprights (A) are 18 in. long, threaded. The padding board (D) is 10 in. wide and 44 in. long. Pressure is obtained by



No. 16470 PADDING ATTACHMENT
AND No. 16475 GLUING-ON
ATTACHMENT ATTACHED TO
36 IN. END OF TABLE

use of 6 in. star wheels (C) on uprights. B is metal washer between star wheel and board. The uprights extend through the flange of the table top and are held securely by a locked nut. When not in use they hang loosely at sides of table. Drip pan (E) catches the drippings from the brush or from the pads. The tables are 36 in. wide and have holes drilled in side flanges 5 in. from each end to accommodate this attachment.

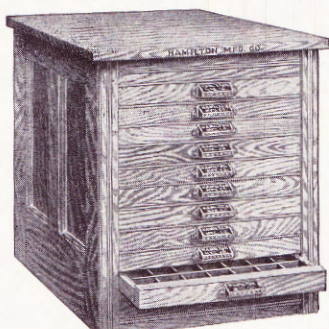
No. 16475 Gluing-on Attachment for Hamilton Steel Bindery Tables includes swinging bracket (G), pan (H) 8 $\frac{3}{8}$ in. diameter, which fits into bracket, and a 4 $\frac{1}{2}$ in. cup (K) with bracket, for holding brushes, but not the glue heater (L). Approximate shipping weight, 30 lbs.

The bracket holding the glue pot is in two parts, one attached to leg of table, the other part hinged and swinging, carrying the glue pot clear of the table either at end or side. The brush cup is attached to the bracket, and also swings clear of table. The glue heater in illustration is Type GH-2, two quarts.

BOOKBINDERS' CABINETS

MADE IN SIX SIZES

Made with bronzed pulls on each case, and highly finished. The cases are made in exactly the same style as printers' cases, with three-ply bottoms, and are same size and proportioned like one-half of the regular cap case. These cabinets may be put on or under a bench. "A place for everything and everything in its place" is a rule bookbinders should live up to, and these cabinets will help them to do it.



No. 2 BOOKBINDERS' CABINET

DATA ON BOOKBINDERS' CABINETS

No.	Capacity	Weight Lbs.	Height Inches	Floor Space Inches
1	6 Cases.....	75	16	20x20
2	10 Cases.....	110	24½	20x20
3	15 Cases.....	150	33¾	20x20
4	18 Cases.....	190	39	20x20
5	20 Cases.....	210	43	20x20
6	25 Cases.....	250	61¾	20x20

Other sizes can be furnished. Write for prices

BOOKBINDERS' BAND AND RUBBING-UP STICKS

Made of smoothly finished rock maple, and put up in a set of six sizes—one each $\frac{3}{32}$, $\frac{1}{32}$, $\frac{5}{32}$, $\frac{7}{32}$, $\frac{9}{32}$, $\frac{11}{32}$ in. widths of groove. By their use the work is done much quicker, and bands of uniform width and finish are formed. The two larger sizes can be used for forming the larger bands on the backs of blank books, turning sharp corners, etc., thus taking the place of the folder, rubbing-up stick, burnisher, etc., heretofore used. Weight, per set, $\frac{3}{4}$ lb. Write for prices.

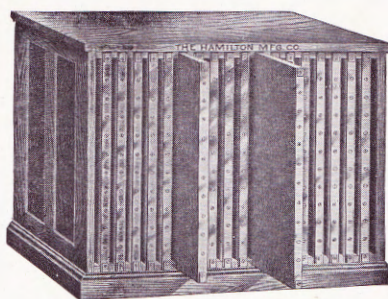
BOOKBINDERS' PRESSBOARDS

THE BEST PRESSBOARDS OBTAINABLE

This line of Bookbinders' Pressboards has been greatly developed, and is guaranteed, whether plain, laminated or brass bound, to be the best ever manufactured. They are made of selected cherry or of five-ply laminated stock. The Laminated Brass-Bound Boards are meeting with great favor, and are now used by the best and largest binders. All stock going into these boards is the best procurable. Any little defect in wood is firmly plugged and smoothed.

The Cases for holding Pressboards are of three sizes, each size in 14, 16 and 18 board capacity. Other sizes made to order. These cases are made of hardwood, nicely finished, and the sides are paneled. The boards are separated by fixed hardwood strips.

Write for information regarding the various finishes of Bookbinders' Pressboards. Quotations will be made upon request.



BRASS-BOUND PRESSBOARDS IN CASE

BOOKBINDERS' CUTTING BOARDS

FOR CUTTING LEATHER, CLOTH, ETC.

Bookbinders' Cutting Boards are made to order only of the best selected maple. They are made in three different styles, as follows: Straight-grained, diagonal-grained and end-grained. The end-grained boards are supplied with or without iron rods and binding strips. The straight-grained and diagonal-grained boards are sold by the square foot. The end-grain boards are sold by the square inch. Work on these boards should not be hurried and it will be to the customer's advantage to allow us as much time as possible for filling an order. Write for quotations.

THE ANGLE INK KNIVES

Patented March 2, 1915

Angle Ink Knives are the best, both in material and workmanship, that can be obtained. The blades are of the best Swedish steel, oil tempered and finished. The handles are of fine-grained cocobolo, and all who have used them declare they are by far the best ink knives on the market. The regular Angle Knife for general use is furnished either with the square or round end, in three sizes.



REGULAR ANGLE INK KNIFE—SQUARE END



REGULAR ANGLE INK KNIFE—ROUND END



ANGLE B INK KNIFE (FOR CYLINDER PRESSES)

the operator to get down under the distributor in the fountain and cleanse it thoroughly without the aid of other appliances—something that cannot be done with other ink knives. In purchasing an ink knife ask for the Angle, and you will be sure to have the best in the market.

The Angle B Ink Knife is specially designed for cylinder presses and is superior to any other ink knife made for that purpose. It is made in two sizes:

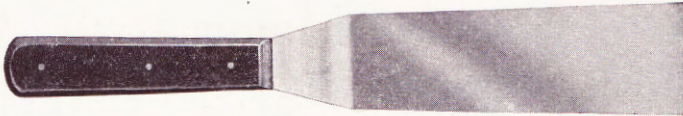
8 inch, Angle B, No. 803.....\$2.00 10 inch, Angle B, No. 1003.....\$3.00

Round End	Square End
6 in., No. 601 \$0.75	No. 602 \$0.75
8 in., No. 801 1.25	No. 802 1.25
10 in., No. 1001 2.00	No. 1002 2.00

The Angle B Ink Knife, owing to the shape of the blade, enables the operator to clean out the press fountain in much less time than it can be done with the ordinary ink knife. The shape of this knife blade enables

STYLE B INK KNIVES

Style B Ink Knives have straight blades. They are made of excellent material, will stand hard usage and are guaranteed to do the work.



STYLE B INK KNIFE

Style B, 6 in. No. 604 \$1.00
Style B, 8 in. No. 804 1.75
Style B, 10 in. No. 1004 2.75
Style B, 12 in. No. 1204 3.50

ROUND OR SQUARE END SPATULAS



ROUND END SPATULA, STYLE A

4 inch Spatula—No. 405 Round End.....\$0.50	
6 inch Spatula—No. 605 Round End..... .75	No. 606 Square End.....\$0.75
8 inch Spatula—No. 805 Round End..... 1.00	No. 806 Square End..... 1.00
10 inch Spatula—No. 1005 Round End..... 1.75	No. 1006 Square End..... 1.75
12 inch Spatula—No. 1205 Round End..... 2.25	No. 1206 Square End..... 2.25

Round or Square End Spatulas have a thin pliable blade and are preferred by some pressmen, as they are especially useful for mixing small quantities of color.

CHALLENGE INK SPADE



Price, each.....\$0.90

MARBLE INK SLABS

Marble Ink Slabs for the pressroom or for proof presses can be supplied in various sizes. We handle the product of the best quarries only and guarantee the workmanship to be satisfactory in every way. Write for information and prices.

Wood Types

A Wood Type Specimen Book will be submitted on application to printers who have use for it

Wood Types are made in so large a variety of faces as to make it impracticable to display them in this book

Wood Types sold by us are cut on the end grain of maple and are unexcelled in printing qualities and in durability

*American Type Founders
Company*

EVERYTHING FOR THE PRINTER

The Taylor Color-Harmony Chart

AND

HARMON-INKS

A HARMONIC SYSTEM OF SIMPLIFIED COLOR PRINTING

HARMON-INKS at last makes it possible for every printer to achieve a superiority in color combination with a minimum of effort and expense. Color in printing is in great demand and is profitable for the printer who can handle it right; and every printer with Harmon-Inks may now have a highly proficient art department which will instantly solve Color Harmony problems with artistic taste and precision.

HARMON-INKS: An equipment consisting of Taylor Color-Harmony Chart and corresponding ready-mixed colored inks for carrying out the wide selection of color combinations provided by the chart. The manufacturer of these inks has devoted much time to chemical and scientific research in perfecting the colors.

THE TAYLOR CHART is the only method whereby a printer can instantly see Color Harmonies of more than two colors. By using the colored inks as indicated on the chart absolute Color Harmony in the finished job is assured.

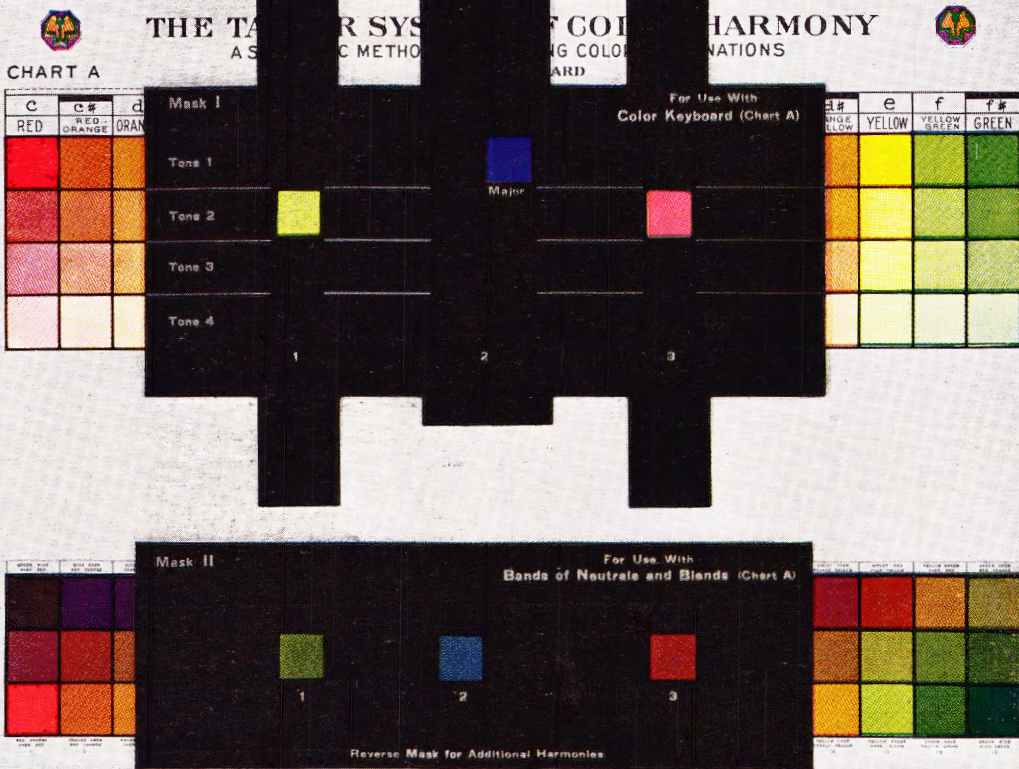
COLOR HARMONY in printing presents most important though often annoying problems. Harmon-Inks will solve these problems *quickly, adequately*, and without chance of mistake. Also gives to printers a means to increase the number of color jobs, for they can with such a convenient aid demonstrate to customers how well any particular job would look in colors; and then do it accurately, without experiment or annoyance, by using the corresponding ready-mixed inks.

UNTIL recently many printers could not compete successfully on color work with establishments that had art departments, but in the following pages we show how *any printer* can with Harmon-Inks make pleasing and well balanced color suggestions on prospective jobs, and carry out his suggestions with the identical colored, ready-mixed inks contained in the equipment.

HARMON-INKS—*Manufactured by the SIGMUND ULLMAN COMPANY*

Supplied by the AMERICAN TYPE FOUNDERS COMPANY

at all its Selling Houses



Size 22x28 inches. Lithographed in seventeen impressions. Shows ninety-six individual colors. Printed on fine stock and reinforced with linen. Simple instructions printed in twelve point type on sheet. Only equipment used is three masks and chart.

The TAYLOR CHART in Color Printing

THE use of this chart is very easy. Harmonies of two, three or more colors are instantly made visible by laying the masks with cut-out windows on the chart, consequently, a printer can see and determine in advance the colors best suited for the job, and then using the inks supplied with the equipment, he prints in exactly the same harmonious colors.

Now notice the line marking **X** on the color illustration. This shows the effect when one color is printed over another color. You can use two harmonious colors as shown by the mask, and print in three colors, knowing beforehand what the third color will look like—a tremendous advantage to the printer.

EQUIPMENT

1

Taylor Color-Harmony Chart and three masks, with simple directions.

2

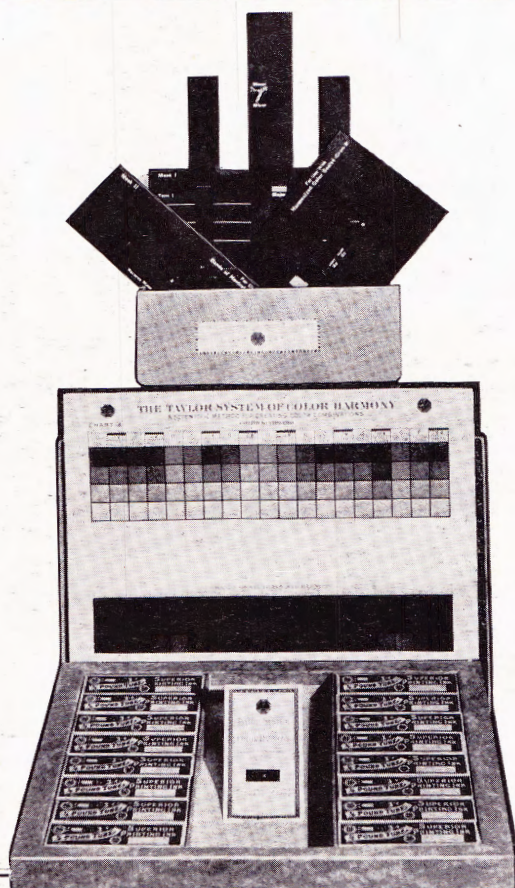
Twelve Spectrum Colored Printing Inks in $\frac{1}{4}$ -lb. tubes, ready mixed and corresponding absolutely to colors on chart.

3

Two $\frac{1}{4}$ -lb. tubes of white ink and two $\frac{1}{4}$ -lb. tubes of black ink.

4

Directions for making various tones of colors by aid of screens, or mixing white and black.



ONE quarter-pound tube of each of the twelve spectrum colors shown on the chart comes with this equipment, and additional orders for these colors can be obtained in various sized packages from the American Type Founders Company at its Selling Houses.

Sigmund Ullman Company, leaders in the printing ink industry, have devoted much time to chemical and scientific research in the production of these colors, not alone from an artistic standpoint, but from the practical standpoint of their working qualities, which, when all is said and done, is a most important part to every printer.

List Price of separate Charts \$15.00 List Price of 4 lbs. Colored Ink \$15.00

Price of HARMON-INKS Outfit, including above \$25.00

	In 1-lb. Cans	Per lb. In $\frac{1}{4}$ -lb. Tubes	Per $\frac{1}{4}$ -lb. Tube		In 1-lb. Cans	Per lb. In $\frac{1}{4}$ -lb. Tubes	Per $\frac{1}{4}$ -lb. Tube
HARMON-INKS Red.....	\$2.50	\$3.25	\$0.85	HARMON-INKS Green Blue....	\$2.00	\$2.75	\$0.75
HARMON-INKS Red Orange....	2.00	2.75	.75	HARMON-INKS Blue.....	1.50	2.25	.60
HARMON-INKS Orange.....	2.50	3.25	.85	HARMON-INKS Blue Violet....	2.00	2.75	.75
HARMON-INKS Orange Yellow..	2.00	2.75	.75	HARMON-INKS Violet.....	2.50	3.25	.85
HARMON-INKS Yellow.....	1.50	2.25	.60	HARMON-INKS Violet Red....	3.00	3.75	1.00
HARMON INKS Yellow Green..	1.50	2.25	.60	HARMON-INKS Mixing White..	1.50	2.25	.60
HARMON-INKS Green.....	1.50	2.25	.60	HARMON-INKS Mixing Black..	1.50	2.25	.60

How HARMON-INKS Will Build Up Your Color Printing Business

EXAMPLE NO. 1

A prospective customer would like to have a dealer circular, booklet or bulletin printed. He has invariably used black and white, but has lately learned of the greater effect of color. He knows little about color printing except that he has seen some color jobs. He therefore asks the printer's advice, and *until now* the printer was handicapped through lack of color harmony knowledge, and, secondly, the trouble of matching commercial inks with colors selected. This problem is easily solved by Harmon-Inks, with no loss of time and no mistakes.

EXAMPLE NO. 2

Suppose a more elaborate piece of work is in question, say, a pamphlet for a summer resort. It is desired to produce a job which will effectively

show the attractions and recreations of the resort. Sketches of a tennis court with male and female figures will be shown; bathing, boating and golfing in the scenes. The customer is prepared to pay for a good job in three, four or even five colors. What colors should be used that will produce an attractive booklet with the colors of the various scenes in harmony? The women's costumes with bathing suits, the knit outerwear of the men, can be shown in various bright colors that are attractive and in harmony.

These color combinations can be *instantly* determined, using the masks on the Taylor Chart, and if the plates are designed so as to print one over the other the resultant color can also be seen and determined upon beforehand through the use of the chart.

HARMON-INKS

Manufactured by the SIGMUND ULLMAN COMPANY and supplied by the

AMERICAN TYPE FOUNDERS COMPANY

at all its Selling Houses

ELECTROTYPE ITEMS

*Electrotyped Newspaper Headings and
Sub-Headings, Date Lines, Cuts, Seals,
Emblems, Etc.*

IN view of the limited and lessening demand—and the extremely high cost of electrotypes—Newspaper Headings and Sub-Headings, Date Lines, Seals, Emblems and all other electrotyped cuts have been omitted from this catalogue; but orders for any item in this particular line which may be selected from the catalogues or pamphlets previously issued by the American Type Founders Company will be filled when possible at the prevailing market prices

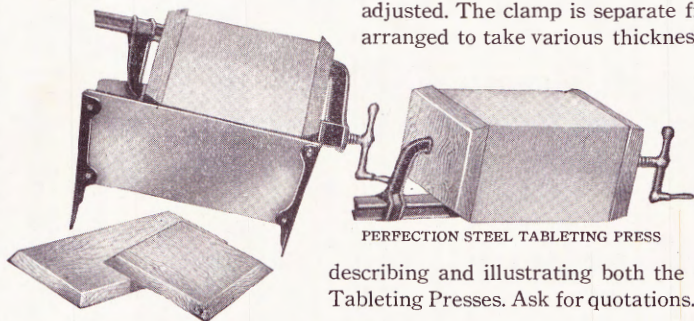


ALL THE CUTS AND ORNAMENTS SHOWN IN
THIS CATALOGUE ARE CAST IN TYPE MOLDS

PERFECTION STEEL TABLETING PRESSES

MADE OF STEEL AND IRON

The Perfection Steel Tableting Press is made of steel and iron. It will handle any number of sheets up to 3000 with greatest ease. Is made sloping so that paper will rest alone while being adjusted. The clamp is separate from the box and is quickly arranged to take various thicknesses. Pressure is obtained by



PERFECTION STEEL TABLETING PRESS

turning the screw crank. The Perfection Steel Tableting Press, sheet steel holder, is sold complete with clamp and five boards. Extra clamps and boards may be purchased.

Send for circulars fully describing and illustrating both the Golding and the Perfection Tableting Presses. Ask for quotations.

GOLDING TABLETING PRESSES

MADE IN TWO SIZES

The Golding Tableting Press is a very simple device for tableting all kinds of paper stock. It is built of iron and wood and is strong and convenient. Is made in two sizes: No. 1 holds 2000 sheets any size up to 6x12 inches; No. 2 holds 5000 sheets any size up to 8½x16 inches. No. 1B is the same as No. 1, but complete with bundling blocks. No. 2B is the same as No. 2, but complete with bundling blocks. The bed of No. 2 is hinged to a bracket and may be used in a horizontal or perpendicular position.



GOLDING TABLETING PRESS

Tableting Presses are a good investment and will save their cost in a very short space of time. Every printing office has more or less scrap paper that can easily be put up in pads which may be readily sold if desired. The use of Tableting Presses makes this work easy and profitable.

STA-WARM ELECTRIC GLUE POTS

WITH AUTOMATIC CONTROL OF HEAT

Sta-Warm Electric Glue Pots maintain a temperature of about 145 degrees, which is scientifically proven to be the proper heating point for glue. The Sta-Warm positively will not burn the glue. Made for either alternating current or direct current, 110 or 220 volts. Any printer or bookbinder using glue to a considerable extent will find this pot a time and trouble saver.

Made in the following sizes: pint, quart, 2 quart, gallon, 2 gallon and 5 gallon. Send for descriptive circular and prices.



STA-WARM ELECTRIC GLUE POT

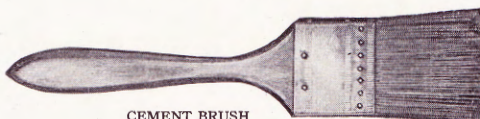


WATER GLUE POTS

These are double pots, the inner or glue pot being porcelain lined.

- No. 2—Capacity 1½ pints....\$1.60
- No. 3—Capacity 1¾ pints.... 2.00
- No. 4—Capacity 2¾ pints.... 2.40
- No. 5—Capacity 3¾ pints.... 2.75
- No. 6—Capacity 4½ pints.... 3.25

CEMENT BRUSHES



CEMENT BRUSH

- | | | | |
|----------------|--------|---------------|--------|
| 1 inch..... | \$0.35 | 2 inches..... | \$0.50 |
| 1½ inches..... | .40 | 3 inches..... | 1.00 |
| 3½ inches..... | \$1.60 | | |

NUREX TABBING COMPOUND

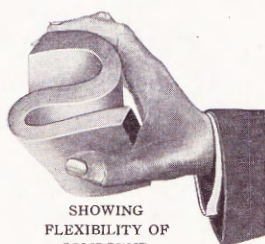
A NON-INFLAMMABLE FLEXIBLE TABBING COMPOUND

Nurex Tabbing Compound is a patented article that insures an exceedingly flexible and unusually satisfactory pad whenever paper is to be tabbed. It is applied cold, and dries within a few minutes after it is put on. Always works the same in any climate, summer or winter. Does not

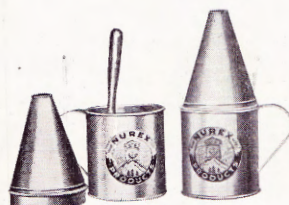
get sticky in damp weather and never cracks under the paper cutter clamp. It is put up in either quart or gallon cans; colors, red and natural.

Nurex Reducer, which is used only when the Compound becomes too thick, is also put up in gallon and quart cans. The Nurex Tabbing Pot (as illustrated) is made especially for Nurex Padding Compound, and is an important part of the outfit. A circular fully describing the Nurex

Tabbing Process and giving prices of the Compound, Reducer and Cans will be sent on request.



SHOWING
FLEXIBILITY OF
COMPOUND



NUREX TABBING POT

TABLET KNIFE



TABLET KNIFE

The tablet knife has extra thin, strong blade made of approved design.

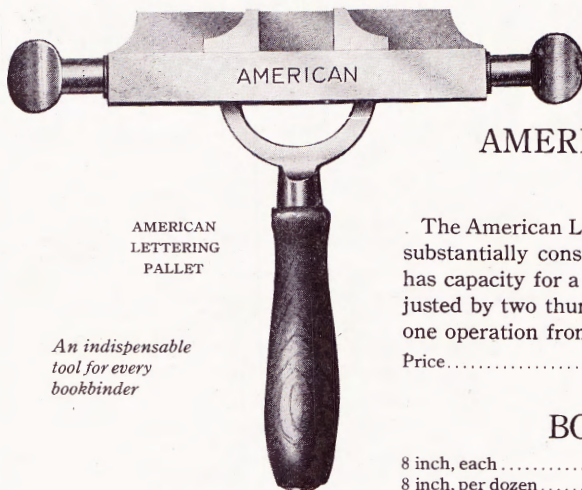
Tablet Knife, each\$0.45

LIQUID PADDING GLUE

This Liquid Padding Glue is an elastic, tough, quick drying preparation which is always ready for use and requires no heating. It is not subject to change of temperature, but is perfect under all conditions. It is free from odor and is furnished in red, blue, green or colorless, as may be desired.

PRICES OF LIQUID PADDING GLUE

Half-pint cans.....	\$0.30
Pint cans.....	.50
Quart cans.....	.90
Gallon cans.....	3.00



AMERICAN
LETTERING
PALLET

*An indispensable
tool for every
bookbinder*

AMERICAN LETTERING PALLET

The American Lettering Pallet is made of solid brass, substantially constructed and handsomely finished. It has capacity for a line $4\frac{7}{8}$ inches long. It is readily adjusted by two thumbscrews, which center the line with one operation from either end.

Price.....\$12.00

BONE FOLDERS

8 inch, each.....	\$0.35
8 inch, per dozen.....	3.50

PAPER PAD COUNTER

This Pad or Paper Counter is a device adjustable for dividing any number of sheets into equal parts for padding. The gauge is nickel plated and adjustable up to $1\frac{3}{4}$ inches.

Price.....\$1.00

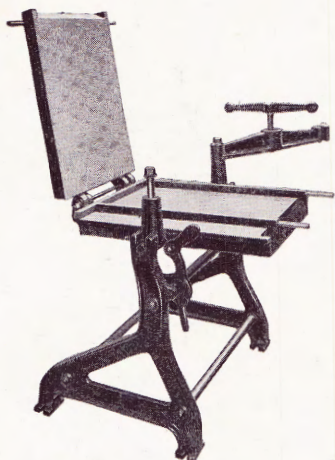


PAPER PAD COUNTER

SUPERIOR STEREOTYPE CASTING BOXES

MADE IN SIX SIZES: WITH AND WITHOUT CORES

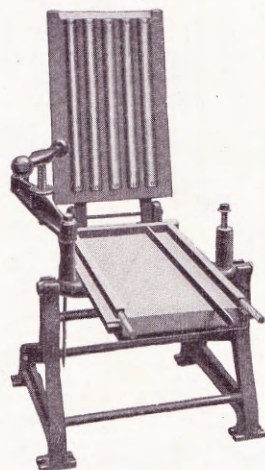
Each coreless casting box, Nos. 100, 200, 300 and 400, is furnished with one set of bearer gauges, as selected. Each cored casting box, Nos. 103, 204, 305, 406, 407 and 408, is furnished with one set of type-high by base-high bearer gauges and two side type-high by 11 point bearer gauges. A set of bearer gauges consists of two side gauges with handle and one end gauge.



SUPERIOR CASTING BOX, OPEN, WITH BEARER GAUGES

Casting boxes Nos. 100, 103, 200, 204 have single handles for lifting the covers. Other sizes have two handles, one on each side, as illustrated, for lifting the covers.

Cored Casting Boxes for casting cored type-high plates, will also cast solid plates, type-high or base-high when the cores are detached. As regularly made the cores are spaced to cast columns of 12, 12½ or 13 pica widths, by placing the thin gauge the proper distance from the outside gauge. The cores are detached easily.



SUPERIOR CASTING BOX, WITH REMOVABLE CORES

DIRECTIONS FOR MAKING GOOD STEREOTYPES

The box must be heated before a good cast can be made. This is done by taking one or more blank casts before placing matrix. Matrix must be heated in a flat position before casting. This may be done by placing it upon the hot bed of casting box, weighting it to prevent curl. Casts should be made on smooth cardboard, placed under bearer gauges, extending beyond the bearers and also extending two inches beyond mouth of casting box. Another cardboard should be placed over all gauges, overlapping them in all directions. Cardboard is a better conductor of stereo metal than cast iron. Casts should be made at the bottom of the box, and centered between sides of the box.

PARTICULARS OF SUPERIOR CASTING BOXES WITH AND WITHOUT CORES

No.	Size of Bed In.	Largest Size of Plate Cast In.	Number of Solid Columns Cast	Number of Cored Columns Cast	Sets of Gauges Furnished	Approx. Shipping Weight Lbs.
100	9½ x 14	8½ x 12	3	—	1	140
200	13½ x 22	12¼ x 20	4	—	1	265
300	14 x 26	12¾ x 23¾	5	—	1	350
400	20 x 28	18½ x 25½	8	—	1	630
103	9½ x 14	8½ x 12	3	3	2	150
204	13½ x 22	12¼ x 20	4	4	2	285
305	14 x 26	12¾ x 23¾	5	5	2	380
406	20 x 28	18½ x 25½	6	6	2	665
407	20 x 28	18½ x 25½	8	7	2	670
408	20 x 28	18½ x 25½	8	8	2	675

OUTFIT OF STEREOTYPING MATERIALS AND TOOLS

An outfit for stereotyping requires, in addition to Metal Furnace, Ladle and Skimmer, a Beating Brush, a box of Black Lead, a box of French Chalk, an Oil Brush, a Matrix Shears, large and small Chisels, a Mounting Hammer, a Punch, a Nail Set, a box of Nails and a box of Tacks. This outfit, or any part of it, is supplied only when specially ordered.

Prices of Blankets and Prepared Matrix Paper for wet process stereotyping and Wood for mounting thin plates will be quoted on request.



BEARER GAUGES

The three upper gauges are type-high or base-high. The three lower gauges are type-high or plate-high.



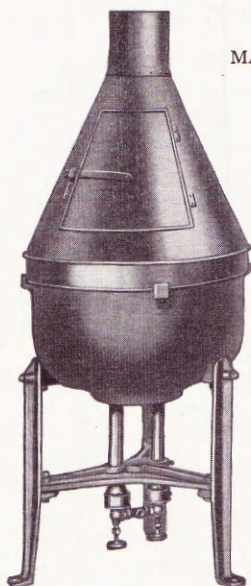
STEREOTYPE BEATING BRUSH

The bristles are 3x4 in.; back of brush, 3½ x 6 in.; and the handle, 12 in. long.

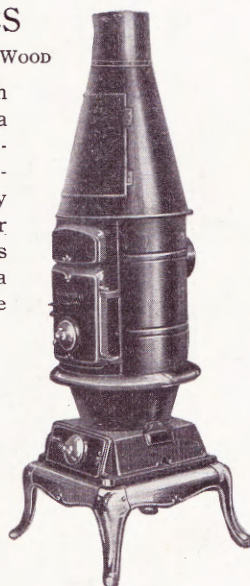
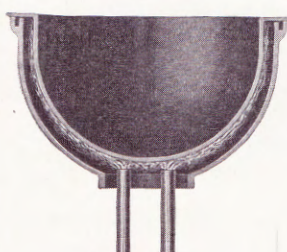
SUPERIOR METAL FURNACES

MADE IN FOUR SIZES FOR GAS, AND ONE SIZE FOR COAL OR WOOD

Superior Metal Furnaces, for heating with gas, consist of a furnace, as illustrated, and a hood. The furnaces may be purchased separately, but this is not advised, as the hood provides the means of carrying off the unhealthy fumes through standard stovepipe to flues or through walls or windows. The hood also has the advantage of enabling the user to put in a greater amount of old metal than can safely be put in the open melting pot.



SUPERIOR METAL FURNACE
FOR GAS



SUPERIOR METAL FURNACE
FOR COAL OR WOOD

The melting pots are so shaped that the flames attack the sides as well as the bottoms, as illustrated above, thus bringing the metal to the melting point quicker than can be done with the ordinary type of metal pots.

No. 120-H Superior Metal Furnace, for gas, with hood, iron pot and 1 burner. Capacity, 300 lbs. Approximate shipping weight, 177 lbs.

No. 122-H Superior Metal Furnace, for gas, with hood, iron pot and 2 burners. Capacity, 700 lbs. Approximate shipping weight, 250 lbs.

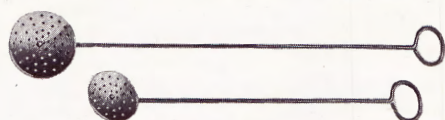
No. 123-H Superior Metal Furnace, for gas, with hood, steel pot and 2 burners. Capacity, 700 lbs. Approximate shipping weight, 295 lbs.

No. 124-H Superior Metal Furnace, for gas, with hood, steel pot and 2 burners. Capacity, 1000 lbs. Approximate shipping weight, 365 lbs.

No. 125-H Superior Metal Furnace, for gas, with hood, steel pot and 2 burners. Capacity, 1500 lbs. Approximate shipping weight, 415 lbs.

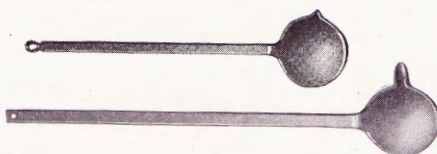
No. 126-H Superior Metal Furnace, for coal or wood, with hood, iron pot, fire box and ash pan. Capacity, 300 lbs. Approximate shipping weight, 200 lbs.

SUPERIOR SKIMMERS

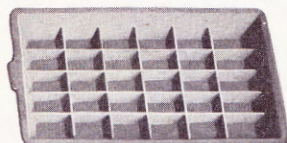


Five inch—34 in. long. Six inch—42 in. long.

SUPERIOR LADLES



Six inch—27 in. long. Six inch—35 in. long.



SUPERIOR INGOT MOLDS

30-Ingot Pan: Capacity, 50 lbs., $1\frac{2}{3}$ lb. pigs, as illustrated.

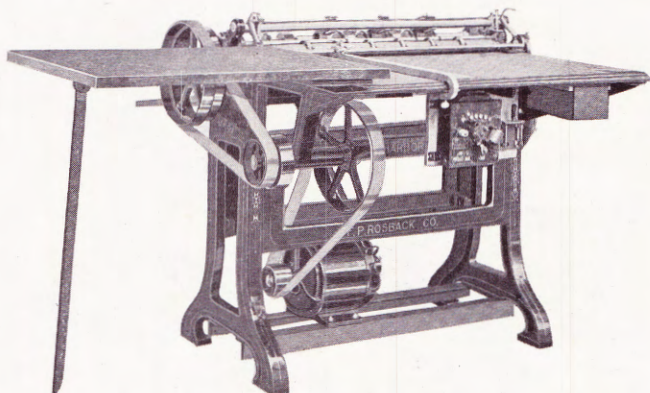
20-Ingot Pan: Capacity, 50 lbs., $2\frac{1}{2}$ lb. pigs.

9-Ingot Pan: Capacity, 27 lbs., 3 lb. pigs.

ROSBACK ROTARY PERFORATING MACHINE

*FOR OTHER ROSBACK PERFORATING MACHINES SEE PAGES 985 AND 986

The Rosback Rotary Perforating Machine makes a slot or hyphen-hole perforation and also a knife-cut perforation. It trims, scores and crimps or creases loose-leaf ledger sheets. It is also equipped with an adjustable book-cover creaser which has a capacity of from $\frac{3}{16}$ inch



ROSBACK ROTARY PERFORATOR EQUIPPED WITH MOTOR

up to any thickness that may be desired. The Rosback Rotary Perforator is in use at the present time in some of the largest plants in the country, and is giving excellent results. It is built upon strictly mechanical principles, and it has no large drum, no belts, bands or tapes to keep in repair. It is a rapid and accurate machine and possesses every necessary improvement. The knife-cutting heads are designed to cut clean and will last a long time and with proper care they should prove to be indestructible. The scoring

heads will score perfectly anything from three-ply to very thin stock. The slitting heads cut shear style, smooth and clean, and will slit or trim anything from three-ply or four-ply stock to the thinnest. They will trim separately or in connection with the perforating heads, as desired. The crimping heads (creasing) make the stock pliable, and any style of heads can be furnished.

The Rosback Rotary Perforating Machine perforates 30 inches square. With tables spread it requires a floor space of 5x5½ feet. Weight, crated for shipment, 715 lbs.

ROSBACK STEAM POWER PERFORATOR

STANDARD SIZES: 24 INCH AND 28 INCH

*FOR OTHER ROSBACK PERFORATING MACHINES SEE PAGES 985 AND 986

The Rosback Steam Power Perforators are equipped with the same improvements as the foot power machines. They are acknowledged as the standard of excellence. The equipment includes extra heavy hardened steel dies and tool steel hardened punches that outlast regular dies.

Rosback Steam Power Perforators, in addition to the standard sizes, can be obtained in larger or smaller sizes to order at moderate prices.

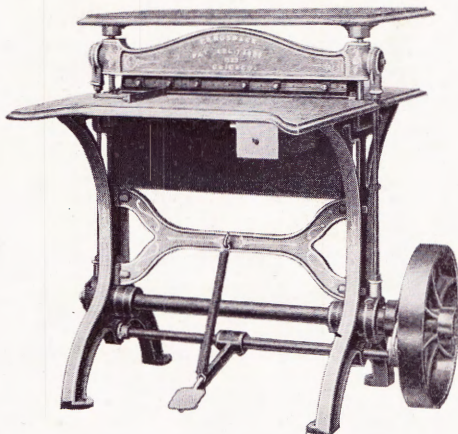
*The complete line of Rosback Perforating Machines, other than those shown on this page, consists of:

Rosback Hand Perforator, shown on page 985.

Rosback Round-Hole-Rotary Perforator, shown on page 985.

Rosback XX Heavy Power Perforator, shown on page 986.

Rosback Foot Power Perforator, on page 986.



ROSBACK STEAM POWER PERFORATOR
MADE IN TWO SIZES

*For other Perforating Machines, power, treadle and lever, see pages 984-987



SCIENTIFIC EQUIPMENTS SCIENTIFICALLY ARRANGED

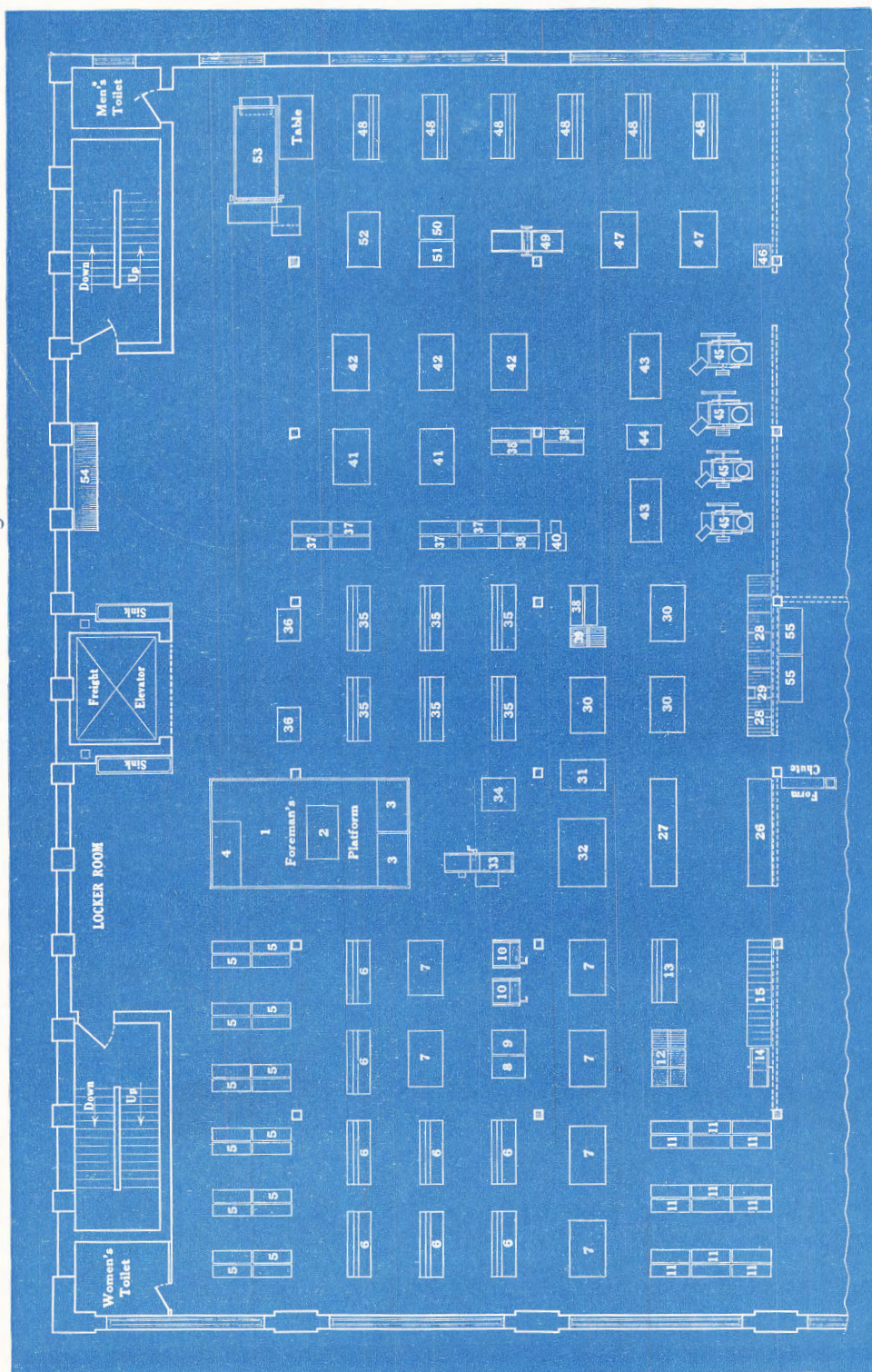


*American
Cut-Cost System of
Printing Plant
Equipments*



CONCENTRATION AND EFFICIENCY ARE INSEPARABLE





Floor plan of a complete all-steel Cut-Cost Composing Room, arranged in composition units, in use by The A. S. Gilman Printing Company of Cleveland, Ohio. Plan for this and two other floors prepared by a Production Engineer of the Efficiency Department of the American Type Founders Company



AMERICAN CUT-COST SYSTEM OF PRINTING PLANT EQUIPMENT

DESIGNED AND DEVELOPED BY THE EFFICIENCY DEPARTMENT
OF THE AMERICAN TYPE FOUNDERS COMPANY AND
FOR SALE AT ALL ITS SELLING HOUSES
COVERING THE CONTINENT



*A Statement of the Work Done for Printers by the
Production Engineers of our Efficiency
Department*



*A Descriptive Catalogue of the Time-Saving and
Space-Saving American Cut-Cost
Equipments*



American Cut-Cost Equipments are usually
made in both Steel and Wood



AMERICAN TYPE FOUNDERS COMPANY

"Covering the Continent"

1923

Printing Plant Efficiency is Vital to the Success of the American Type Founders Company

WE HAVE an interest in the equipments herewith presented beyond the desire to sell them. Our success must follow the success of our customers. Success in any industry depends largely upon the efficiency of the plant equipments. In printing plants every inefficient composing room or pressroom is a hindrance to the success of the American Type Founders Company. We have, therefore, through our Efficiency Department, given much study to means for reducing the costs of producing printing, with a view to increasing the profits of our customers. To the same end the advice of our production engineers is offered, with what good results is explained in the following pages.

Cut-Cost Equipments are Unequaled

Space-Savers: Fewer pieces of equipment are used in Cut-Cost Composing Rooms, because in each piece all related materials are concentrated. Numerous composing rooms which formerly were congested with equipments designed to carry only one kind of materials, have been made to accommodate more workmen,

with more room for each of them, when refitted with Cut-Cost Equipments. Occupying considerably less area, a Cut-Cost Composing Room Equipment reduces the travel of each workman, saving many minutes per man per hour. Many nationally known users of Cut-Cost Composing Rooms have testified to their remarkable economies.

System in Design Effects Notable Savings of Time

In the Cut-Cost Equipments, for the first time, the various items function with each other after the manner of the parts of a machine. Though each has its individual use, and may be used separately, greater economies of time and easiness of production are effected when all the pieces are used together. A complete Cut-Cost Composing Room is in effect an efficient type-form producing machine.

Steel or Wood? A Question of Ultimate Economy: Whether made in steel or in wood, items of similar design have equal efficiency as aids to production. Steel construction, however, is preferable and much more economical in the end. Steel is more durable; it not only outlasts wood, but retains a good appearance for years after wood has become shabby and shopworn. Steel is a fire preventive; fire insurance rates are lower on printing plants equipped in steel, which is an important consideration. Steel resists water damage; steel equipments survived the great floods in Galveston and in Ohio, when wood equipments were ruined. In printing house fires, water usually does most damage.

Supreme Service



THE EFFICIENCY DEPARTMENT

MAINTAINED BY THE AMERICAN TYPE
FOUNDERS COMPANY

To Make Floor Plans for New Plants or for Old
Plants about to be removed.

To Re-Route the Work in Printing Plants for the
purpose of Reducing the Cost of Production.

To Advise Printers and Architects in all matters
relating to the Construction and Rearranging
of Printing Plants, with the purpose of securing
maximum efficiency.

To Design Special Equipments for the purpose of
Minimizing the Cost of Production on Large or
Special Contracts.



*For the Services of the Efficiency Department
of the AMERICAN TYPE FOUNDERS COMPANY apply to the
Manager of the nearest Selling House*

WHAT PRINTERS ARE OFFERED BY THE EFFICIENCY DEPARTMENT OF THE AMERICAN TYPE FOUNDERS COMPANY

THE purpose of this department is to increase production in printing plants, especially in composing rooms, by re-routing the work and improving the equipment on a scientific basis. With a large staff of experienced production engineers, each a practical printer, hundreds of printing plants have been made very much more profitable at less expense, on the average, than would be incurred in adding a cylinder press, while the annual savings are, as a rule, much greater than the profits that could be made by equal investments in presses.

Savings Unusually Great. On an occasion one of our production engineers achieved extraordinary economies. By changes in the equipment and in the routing of work in a specialty department in the big plant of the Haywood Publishing Company, Lafayette, Ind., which eliminated overtime, the cost of production was cut 35 per cent. In another department, on 32-page magazine forms, pages 6x9 in., an average saving of one and one-half hours was made on each make-up. In rearranging and improving the equipment of the Burnett Printing Company, Rochester, N. Y., another of our production engineers effected a saving of 50 per cent in rent, simply by gain-

ing so much space on one floor that it became unnecessary to continue to pay rent for a second floor, although the volume of production was increased. One

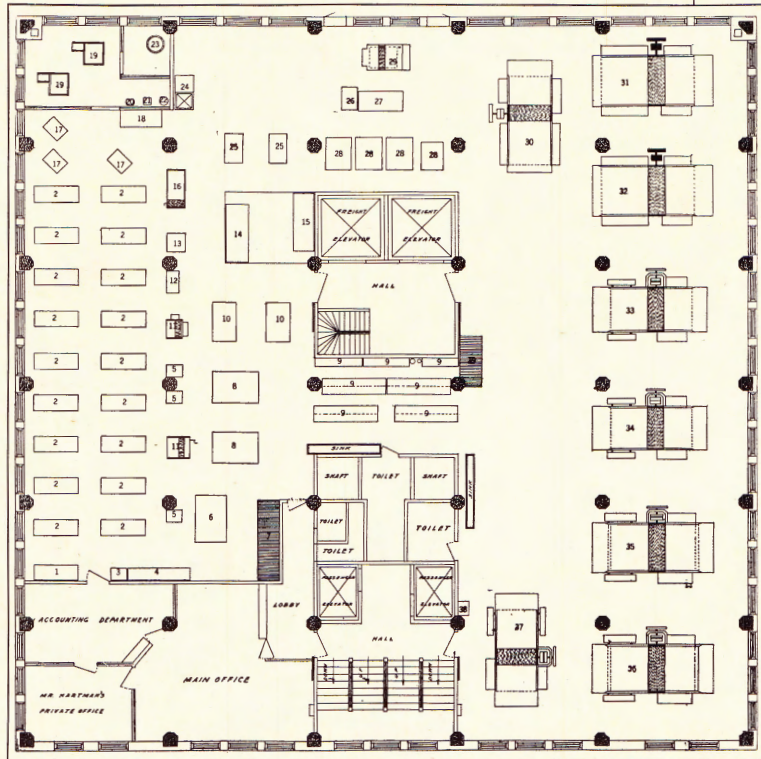


Fig. 1—Photographic reproduction of layout of one floor of plant of Excelsior Printing Company of Chicago (including complete steel Cut-Cost composing room), prepared by a production engineer of the Efficiency Department of the American Type Founders Company. Mr. W. J. Hartman, previous owner, apostle of the cost-finding movement, for whom this work was done, reported that cost of production was reduced 20 per cent.

of the greatest merits of our Cut-Cost System of Printing Plant Equipment is that every piece in it saves floor space, and thus reduces the travel of each employee, so true it is that *Concentration and Efficiency are Inseparable*.

Practicable Savings. However, our production engineers do not claim ordinarily to be able to reduce costs 35 per

cent, nor to cut rentals in half, although the two instances cited can be matched by others almost as extraordinary. In usual practice it is a simple matter to increase production in a satisfactory degree. Efficiency in a composing room consists of making it possible for each man to do his work more easily, and therefore more quickly, than he has been doing. *It resolves itself into a means of saving minutes.* Take care of the minutes and the hours will take care of themselves. All our production engineers aim to do is to save a certain number of minutes per hour per man—which is no

miracle at all. If a production engineer can make it possible for the men in a composing room to do on an average as much work in 54 minutes as they formerly averaged in 60 minutes, that is a gain of 10 per cent in production. If the men who save 6 minutes an hour are paid \$45 per week, the gain is nearly 1¾ cents a minute, or a gain of \$4.50 per man per week. In 50 weeks it is \$225 per man, as demonstrated in the table printed below—"The Significance of a Minute." This is as good as a 10 per cent reduction in wages, with both employee and employer satisfied. Thus our mini-

THE SIGNIFICANCE OF A MINUTE

Weekly Wage	Cost per Minute per Man	Weekly Gain per Man when 6 Minutes per Hour are Saved	Annual Gain per Man when 6 Minutes per Hour are Saved	Weekly Gain per Man when 9 Minutes per Hour are Saved	Annual Gain per Man when 9 Minutes per Hour are Saved	Annual Gain per Man when 12 Minutes per Hour are Saved
\$55.00	\$0.0208	\$5.50	\$275.00	\$8.25	\$412.50	\$550.00
54.00	.0205	5.40	270.00	8.10	405.00	540.00
53.00	.0200	5.30	265.00	7.95	397.50	530.00
52.00	.0196	5.20	260.00	7.80	390.00	520.00
51.00	.0193	5.10	255.00	7.65	382.50	510.00
50.00	.0189	5.00	250.00	7.50	375.00	500.00
49.00	.0185	4.90	245.00	7.35	367.50	490.00
48.00	.0181	4.80	240.00	7.20	360.00	480.00
47.00	.0178	4.70	235.00	7.05	352.50	470.00
46.00	.0174	4.60	230.00	6.90	345.00	460.00
45.00	.0170	4.50	225.00	6.75	337.50	450.00
44.00	.0166	4.40	220.00	6.60	330.00	440.00
43.00	.0162	4.30	215.00	6.45	322.50	430.00
42.00	.0159	4.20	210.00	6.30	315.00	420.00
41.00	.0155	4.10	205.00	6.15	307.50	410.00
40.00	.0151	4.00	200.00	6.00	300.00	400.00
39.00	.0147	3.90	195.00	5.85	292.50	390.00
38.00	.0143	3.80	190.00	5.70	285.00	380.00
37.00	.0140	3.70	185.00	5.55	277.50	370.00
36.00	.0136	3.60	180.00	5.40	270.00	360.00
35.00	.0132	3.50	175.00	5.25	262.50	350.00
34.00	.0128	3.40	170.00	5.10	255.00	340.00
33.00	.0125	3.30	165.00	4.95	247.50	330.00
32.00	.0121	3.20	160.00	4.80	240.00	320.00
31.00	.0117	3.10	155.00	4.65	232.50	310.00
30.00	.0113	3.00	150.00	4.50	225.00	300.00
29.00	.0109	2.90	145.00	4.35	217.50	290.00
28.00	.0106	2.80	140.00	4.20	210.00	280.00
27.00	.0102	2.70	135.00	4.05	202.50	270.00
26.00	.0098	2.60	130.00	3.90	195.00	260.00
25.00	.0094	2.50	125.00	3.75	187.50	250.00

Fig. 2—Table showing the cost per minute of weekly wages in printing houses.

mum saving in many instances will turn a net loss in production into a net profit.

Ordinary Savings. But we do very much better than save 6 minutes per man per hour. We frequently effect a saving of 20 per cent, which means that the men do as much work in 48 minutes as they formerly did in 60 minutes. If the wage is \$45, this saving amounts to \$9 per man per week, and the annual gain is \$450. The minimum result our production engineers are satisfied with is a saving of 9 minutes per man per hour. At \$45 per week of 44 hours this saving amounts to \$6.75 per man per week, which is \$337.50 per man per year. This is a saving which is ordinarily easy enough to attain, provided the production engineer's recommendations are

fully carried out. In such instances our clients are invariably satisfied. In instances in which part of the prescription is accepted the gains are proportionate.

Significance of a Minute. As wages increase and weeks shrink in hours, the minutes take on an increasing significance. A compositor's wage in New York City is (in 1923) \$50. When we so arrange the materials he works with, and the conditions under which he works, that it is as easy for him to do in 51 minutes as much work as he formerly did in 60 minutes, the gain per minute is \$0.189; per week, \$7.50; per year, \$375.00. As wages vary, the table (fig. 2) on preceding page will prove interesting to those who are wise enough to take cognizance of the importance of the minutes.

HOW OUR EFFICIENCY DEPARTMENT MAKES PRINTING PLANTS MORE PROFITABLE

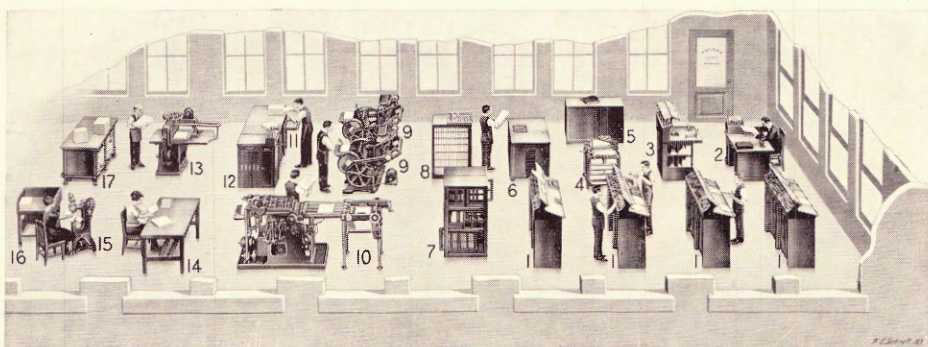


Fig. 3—A small Cut-Cost Composing Room and Job Press Room (large cylinder presses not shown), in which the composing room is virtually a type-form producing machine.

Unprofitable Composing Rooms. Our Efficiency Department was organized in 1913. Not even the printers themselves can be more vitally interested in making composing rooms profitable than the American Type Founders Company—they are our chief sources of revenue. Yet in 1913 the general complaint was that composing rooms were unprofitable—that the profits of the printers were almost wholly derived from their press-rooms. This was true more often than not;

and, while conditions have improved, it is still true that the majority of composing rooms are not as profitable as they might easily be made to be.

Making Composing Rooms Profitable. The first work of our production engineers was to make a close study of composing rooms, in an effort to discover the causes of the losses complained of in a department which usually has the largest pay roll in the printing house. The chief cause of the losses was discovered to be

the use of equipments unsuited to the changed conditions of composition, and, therefore, exceedingly wasteful of time. Much attention had been given to improving the efficiency of printing presses, papercutters, stitchers and other machinery, but scarcely any thought had been given to improving the equipments of composing rooms, and none at all of a comprehensive character, with a view to *making a composing room virtually a type-form producing machine*. The composing room equipments then available were made without any regard to their relationship to other equipments, with the result that the various materials could not be assembled close to any compositor, so that to get one lead or one rule, or a few extra quads, he had to take a great number of unnecessary steps, involving the loss to the proprietor of many minutes, while the cost of the minute was steadily increasing. It was not unusual for a man to waste a quarter of an hour finding a live form which had been carefully hidden away on one of a score or more of time-wasting letterboards. There was so much inefficiency of this kind that it is no exaggeration to say that in thousands of composing rooms the compositor's predicament was no less absurd than would be that of a bookkeeper who had to leave his desk to dip his pen in an ink bottle every time his pen ran dry. In short, the equipment of the average composing room was in 1913 well enough adapted to earlier times when a compositor would stand or sit in one place all day, setting straight matter, but was utterly inadequate for compositors who were chiefly engaged in setting display lines and in make-up. As a result of a year of close study our Cut-Cost System of Printing Plant Equipment was designed by Henry L. Bullen. It was first put on the market in 1914. It is now our best selling line for commercial plants and includes equipments for pressrooms, binderies and stock rooms. Cut-Cost Equipments simplify and expedite production.

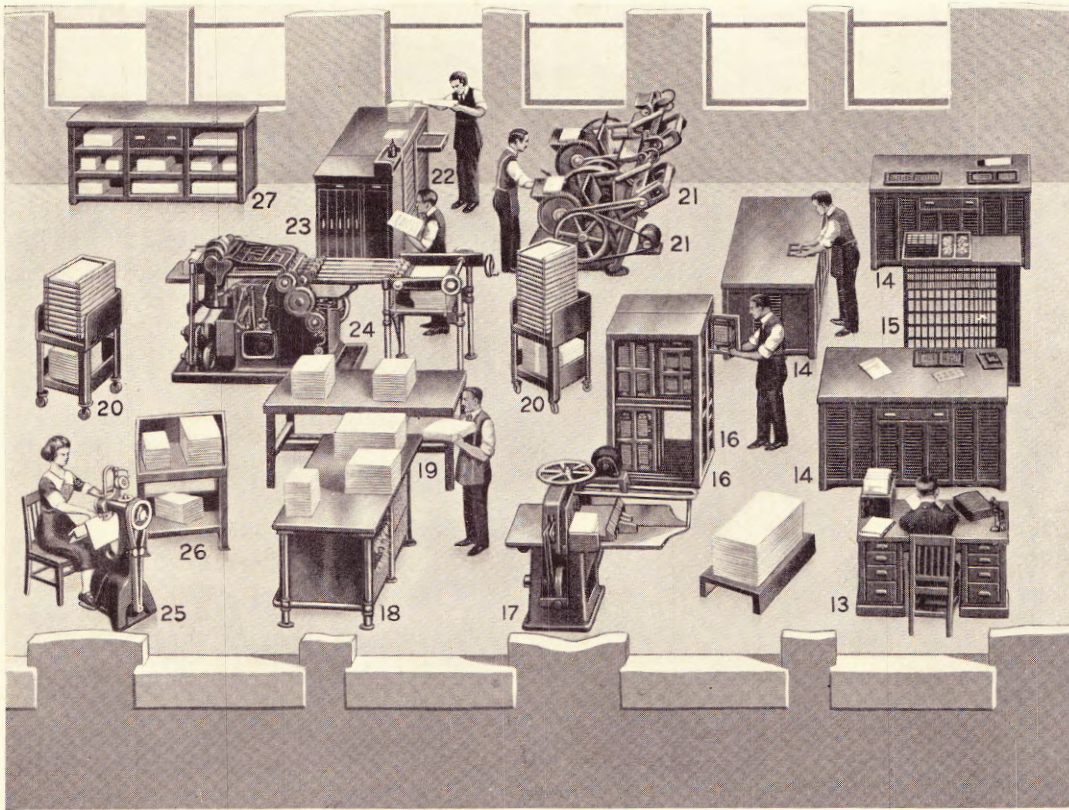
Scientific Routing of the Work.

Given efficient equipments, the next important step toward maximum production is a scientific routing of the work, which should proceed from the foreman's desk to the delivery wagon without retracing of steps. Our production engineers have made for our customers thousands of layouts, as illustrated in figs. 1 and 4, on pages 1014 and 1019, which have resulted in notable economies both of floor space and of time. Many printing houses, still using old-fashioned time-wasting equipments, could economize in production by adopting a scientific re-routing of the work. When composing rooms first engaged the attention of production engineers the main dependence was placed on the layout. The layout is important, but obviously the best of layouts of poorly designed equipments must fall far short of maximum production.

Removing Plants. When a printing house has to be removed to new quarters much time and expense may be saved by having a layout prepared in advance. A removal affords an excellent opportunity to get the work properly routed and to make the plant equipment more efficient. Printers who are ready to make necessary plant improvements may have the services of an experienced production engineer to make the layout and advise in other matters. To call in a draftsman who is unacquainted with the production of printing, as is sometimes done, is an unwise procedure, generally resulting in confusion and involving an unnecessary outlay for his services.

When the Printer Builds. To get maximum efficiency in a new printing plant a layout of each of the departments should be made by a production engineer, thoroughly acquainted with printing processes, before the architect is called in to make his plans. Architects are not required or expected to understand printing processes, and as a result, when they are not properly advised and assisted by a production engineer, they

Continued on page 1020



A CUT-COST COMPOSING ROOM AND JOB PRESS ROOM, WITH EQUIPMENTS
DESIGNED AND SCIENTIFICALLY PLACED TO ASSURE MAXIMUM OUTPUT

KEY TO THE EQUIPMENTS

- | | | |
|--|---|---|
| 1. Cut-Cost Type Cabinets (8) | 9. Cut-Cost Inking Cabinet | 20. Cut-Cost Kelly Press Stock Forwarding Tables (2) |
| 2. Cut-Cost Brass Rule, Quotation and Metal Furniture Cabinet | 10. Saw Table | 21. C. & P. Presses with our Klymax Automatic Feeders (2) |
| 3. Cut-Cost Brass Rule, Quotation and Metal Furniture Cabinet | 11. Cut-Cost Galley Storage Cabinets (2) | 22. Cut-Cost Stock Table and Drying Rack |
| 4. Cut-Cost Work Bench and Auxiliary Cabinet | 12. Hamilton Proofreader's Desk | 23. Cut-Cost Platen Press Room Cabinet |
| 5. Cut-Cost Justifying Materials Cabinet | 13. Cut-Cost Foreman's Desk | 24. Kelly Automatic Job Press, with Extension Delivery |
| 6. Cut-Cost Cut Storage Cabinets (3)—a new system of cut storage, including indexing | 14. Cut-Cost Imposing Tables (3) | 25. Boston Wire Stitching Machine |
| 7. Cut-Cost Proof Paper Cabinet | 15. Cut-Cost Locking-Up Materials Cabinet | 26. Cut-Cost Stock Forwarding Table |
| 8. Potter Proof Press | 16. Cut-Cost Adjustable Steel Chase Racks (2) | 27. Packer's Table |
| | 17. Power Paper Cutter | |
| | 18. Cut-Cost Paper Cutter Table | |
| | 19. Cut-Cost Bindery Table | |

In this plant every kind of materials required by twenty-one employees is assembled in ample quantities in the fewest possible number of pieces, with plenty of working space and clear aisles. There are no obstructions to continuous production.

As lost motions slow up production in machinery, so unnecessary steps caused by ill-placed materials, unscientifically designed equipments and obstructed aisles slow up composing room output.

The Efficiency Department

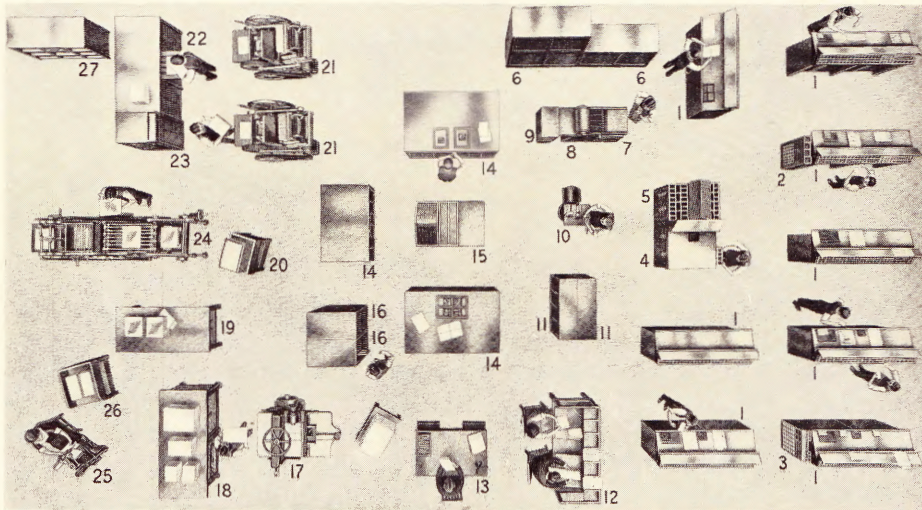
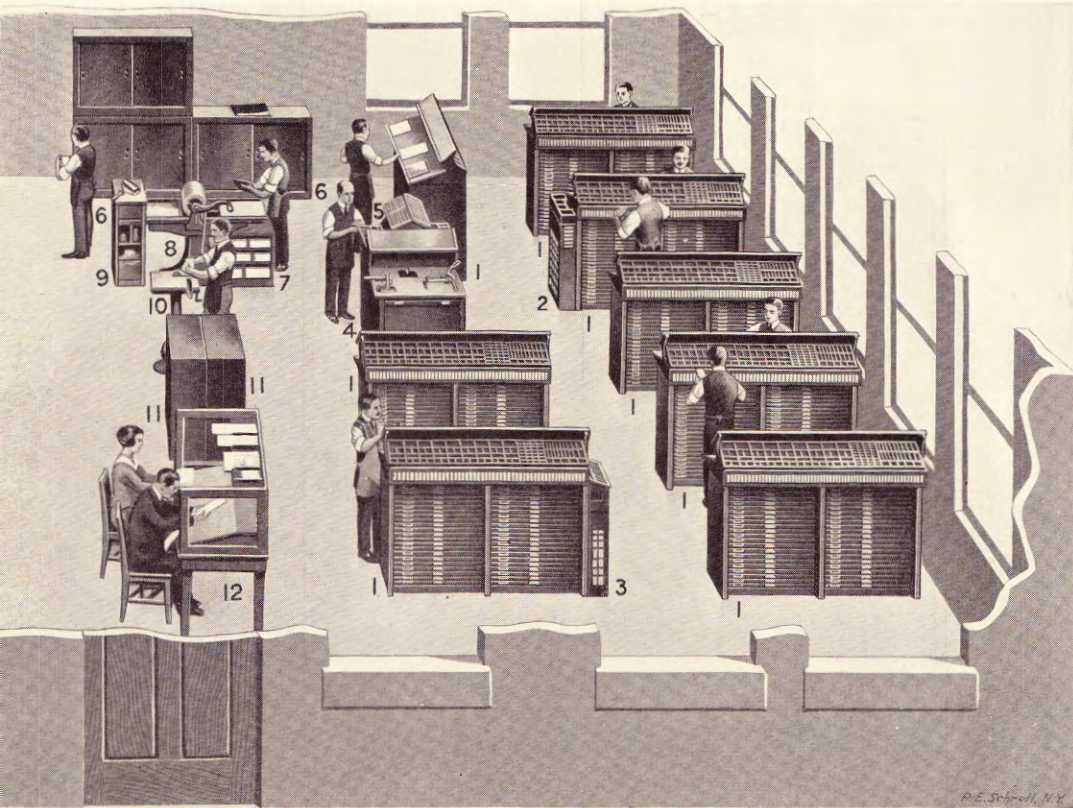


Fig. 4—A looking-down view of the Cut-Cost Composing Room and Job Press Room shown in picture above, showing the layout, affording ample working space and clear aisles.

MAKING PRINTING PLANTS MORE PROFITABLE

Continued from page 1017

frequently create conditions which make maximum production impossible. By incorrect spacing of pillars there are press-rooms which cannot accommodate as many presses as they should. By incor-

of a production engineer, so far as the internal economies of a building are concerned. Buildings should be made to conform with the vital necessities of the plant equipment. It is a wiser way than

forcing the plant equipment to conform with an interior arrangement made without regard to maximum production. Our production engineers are competent and are ready to advise printers in this important matter if called upon before the internal plans are made; otherwise, the choice may be between ineradicable inefficiency or a very wasteful outlay to remedy errors of an architect. Professionally the status of a competent produc-

tion engineer is equal to that of a competent architect.

A highly successful printer writes us that "in cooperating with your production engineer we were confirmed in our belief that printers do need professional advice in the matter of equipping and arranging their plants as much as they do in the erection of their buildings."

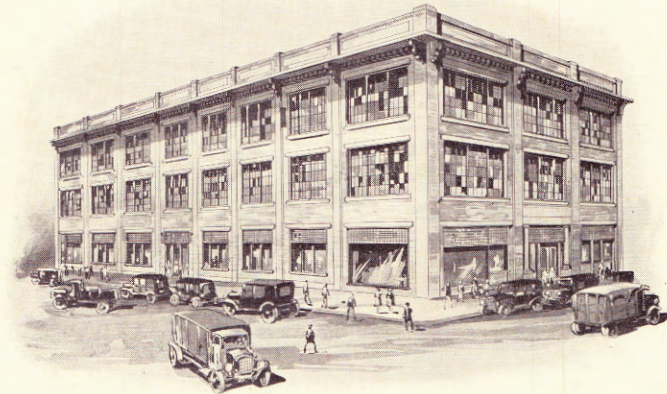


Fig. 5—A 100 per cent efficient printing plant, the result of coöperation between one of our production engineers and an architect. The owner writes: "Our new home, containing 30,000 square feet of factory space, was constructed entirely according to your production engineer's floor plans, the location of all machinery and equipment appearing upon the contractor's plans. These data proved invaluable as construction progressed, especially to the plumbers and electricians. Everything was so perfectly arranged that by moving gradually from one building to another we continued operations, doing a 90 per cent normal month's business and satisfying our customers with deliveries."

rect spacing of windows the efficiency of many composing rooms is seriously impaired and much space wasted. By incorrect placing of doors, stairways and elevators, water closets, and conduits many a printer's building has been doomed to ineradicable inefficiency. The more qualified an architect is, the more willing he will be to accept the advice

HOW TO GET IN TOUCH WITH OUR EFFICIENCY DEPARTMENT

When advice regarding layouts and improved equipments is needed, apply to the manager of our nearest Selling House. It is advisable to make application as far in advance as possible of the time when the work is required to be

done, as our production engineers work on engagements made weeks in advance. They seldom can respond to a hurried call unless more considerate clients are willing to permit them to neglect prior engagements.

NEWSPAPER PLANT LAYOUTS

The Efficiency Department of the American Type Founders Company offers its services to newspaper proprietors who are about to erect new buildings, remove their plants, or improve existing plants.

The Efficiency Department has a staff of experienced and practical production engineers, competent to advise with architects (a very necessary detail) and coöperate with the mechanical staffs of newspapers in the selection of standard equipments, designing special equipments, and scientifically routing the work of all departments.

The plants of the following nationally known newspapers have been brought to high degrees of efficiency by our production engineers. Each of the plants here listed scrapped its inefficient plant and replaced it with a complete new standardized unit plant. The list does not include hundreds of plants partially equipped to increase their efficiency. The most efficient as well as the largest newspaper composing rooms in the world are in this list: Chicago Tribune, Philadelphia Public Ledger, St. Louis Post-Dispatch, and New York Herald-Sun.

Alabama: The Age-Herald, Birmingham.

Arizona: Arizona Republican, Phoenix.

Arkansas: Gazette, Little Rock.

California: The Examiner, Los Angeles; the Tribune, the Post and the Enquirer, Oakland; News, Santa Barbara.

Colorado: Post, Denver; Telegraph, Colorado Springs.

Connecticut: Life, Bridgeport; News, South Manchester.

Florida: Times-Union, Jacksonville.

Georgia: Chronicle, Augusta.

Illinois: Tribune, Chicago; Star, Peoria; the Journal, East St. Louis.

Indiana: Tribune, South Bend; Tribune, Kokomo.

Kansas: News, Hutchinson.

Louisiana: Item and the Times-Picayune, New Orleans.

Michigan: Daily Press, Pontiac; Enquirer-News, Battle Creek.

Minnesota: Tribune, Minneapolis; Tribune and the Herald, Duluth.

Missouri: Post-Dispatch, St. Louis.

Montana: The Gazette, Billings; Tribune, Great Falls.

New Hampshire: Sentinel, Keene.

New Jersey: Press, Asbury Park.

New Mexico: Herald, Albuquerque.

New York: Herald-Sun, New York; Times-Union and the Journal, Albany; Democrat & Chronicle and the Herald, Rochester; Press and the Sun, Binghamton; Star-Gazette, Elmira; Times, Troy; Union-Star, Schenectady.

Ohio: Enquirer, Cincinnati; Dispatch and the Ohio State Journal, Columbus; Journal-Herald, Dayton; Star-Journal, Sandusky; News, Springfield; News-Bee, Toledo.

Oklahoma: Oklahoman, Oklahoma City; Tribune, Tulsa.

Pennsylvania: Ledger and the Bulletin, Philadelphia; Telegraph, Harrisburg; Tribune, Johnstown; News, Newcastle; Reporter, Washington.

Rhode Island: Times, Pawtucket; Call, Woonsocket.

South Dakota: Argus-Leader, Sioux Falls.

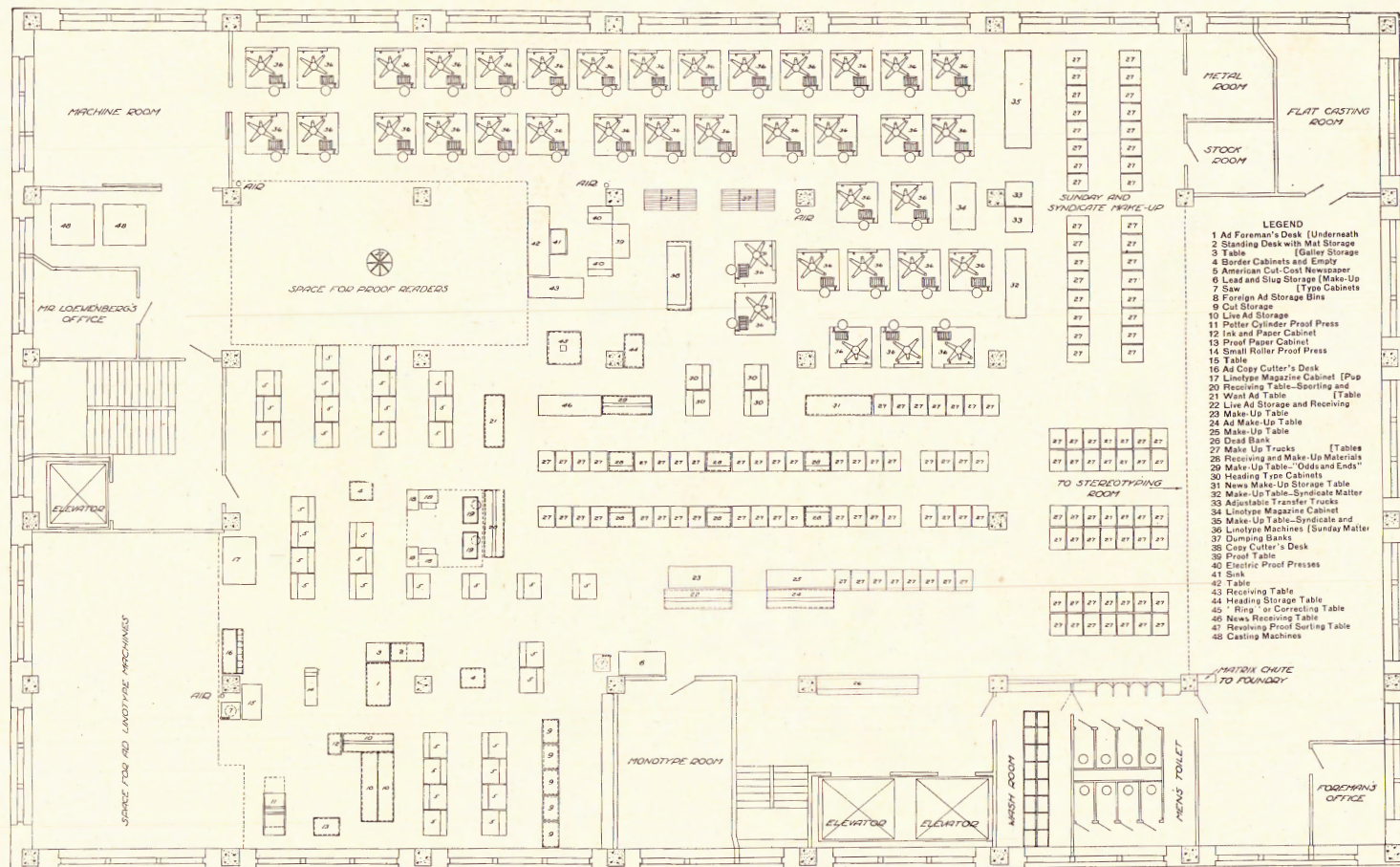
Tennessee: Banner, Nashville.

Virginia: Journal and the Times-Dispatch, Richmond.

Washington: Herald and Republic, Yakima.

Wisconsin: Journal and the Evening Wisconsin, Milwaukee.

Among the major achievements of our Efficiency Department was the designing of the Unit System of Steel Newspaper Composing Room Equipments. These equipments are shown in last section of this catalogue. They are economizers of time and of space. They are constructed carefully and stoutly to withstand the severe wear and tear of newspaper work and to afford the maximum of durability. The Efficiency Department also advises in the equipment of mailing rooms, "morgues" and cut storage and indexing systems.



Scientific Equipments



THE CUT-COST EQUIPMENTS

SPECIALLY DESIGNED BY THE
EFFICIENCY DEPARTMENT OF THE AMERICAN
TYPE FOUNDERS COMPANY

Reduce the Cost of Commercial Composition, make-up and lock-up, because the pieces have the machine-like relation to each other that gears, cams, levers, etc., have in a printing press. Each piece assists and is essential to the others in the processes of type composition. Thus they make the work easier, save innumerable steps and most effectively expedite production.

Concentrate Related Materials in the fewest number of cabinets, instead of having a cabinet or rack for each kind of material, thus effecting notable savings in floor space, and bringing all materials closer to each workman than was ever before possible, and saving hour by hour a surprising number of minutes of each workman's time.

Systematic Economies. While each cabinet, table, rack, etc., has the highest separate efficiency obtainable, the full economies of Cut-Cost Equipments are more fully realized when they are used together as a System.



Many nationally known investors in CUT-COST COMPOSING ROOMS have testified to their remarkable economies. What has been done for them can be done for all

AN AMERICAN CUT-COST ALLEY

"EACH ALLEY IS A MINIATURE COMPOSING ROOM"

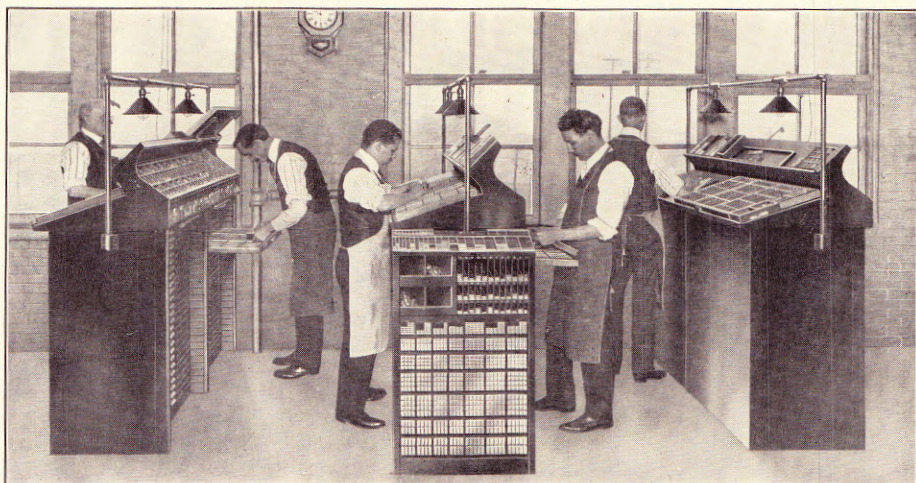


Fig. 6—Cut-Cost Alleys, which can only be formed with Cut-Cost Type Cabinets and Cut-Cost Brass Rule, Quotation and Metal Furniture Cabinets; reproduced from a photograph. More kinds of materials are provided for the compositors than can be placed in alleys formed with any other cabinets, reducing to a minimum the occasions for men leaving their alleys; each man thus saving a number of minutes each hour.

"Each Alley is a Miniature Composing Room." It contains all the constantly used materials which enter into type forms, in ample quantities for alley use. Each alley is 4 feet wide, giving space enough to permit compositors to enter the alley and set type in it without disturbing a compositor regularly in the alley.

Unobstructed Working Side. On the working side of each alley the men regularly stationed in the alleys have each an unobstructed working bank, and above it an auxiliary bank. No materials should be on the working banks except those specially assembled for the work in hand. It is a grave mistake, common to many type cabinets, to place a general supply of spacing and justifying materials on the working bank of the cabinet. The first objection to this practice is that the man regularly using such a working bank acquires a *quasi* ownership of materials placed upon it, and not infrequently will dispute the right of other men to use them. If another man does use the materials placed on a working bank, in doing so he hinders the man regularly using that working bank. Again, the materials on working banks are usually covered with galleys, copy and other things used by the man working on the bank. But the chief inefficiency

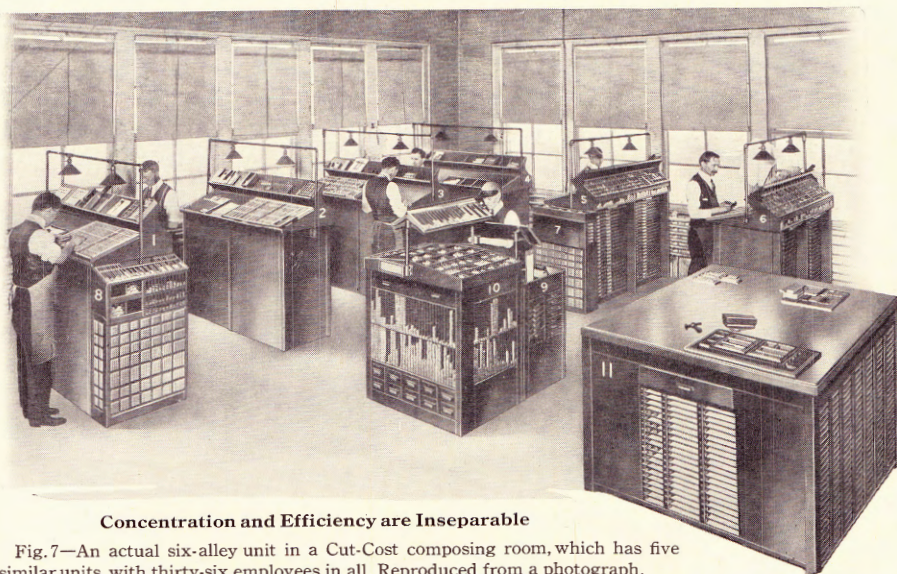
of such a disposition of materials is that it is impossible to get a sufficient variety of them on the working side of a type cabinet.

Proper Placing of Leads, Slugs, and Quads and Spaces. The spacing and justifying materials are efficiently placed in these alleys, right above the type cases. *There they belong to the office.* There they are in plain sight and cannot be obstructed from any man's use. There they are available, as shown in the picture, for men entering the alleys to set lines, who find within arm's reach all the materials they need to space and justify line after line, without losing a step. The men using the working banks can get any spaces or leads or slugs they require by merely turning on their heels; whereas, if the materials were in front of them, on the working bank, they would most of the time be covered by a case, a galley, or copy.

Contents of a Cut-Cost Alley. Besides the types, these materials consist of 9 sizes of spaces and quads, with copper and brass thin spaces, and leads and slugs from 1½ to 9½ picas, by ens, in a Spacing Materials Case, below which is a rack holding leads and slugs from 10 to 50 picas, by ems. At the entrance of each alley there is a Cut-Cost Cabinet carrying brass rules, quotations and metal furniture.

AN AMERICAN CUT-COST TYPE-SETTING UNIT

"THE SMALLER THE UNIT, THE GREATER THE EFFICIENCY"



Concentration and Efficiency are Inseparable

Fig. 7—An actual six-alley unit in a Cut-Cost composing room, which has five similar units, with thirty-six employees in all. Reproduced from a photograph.

Concentration is the chief merit of the Cut-Cost System. In each piece of equipment all materials of a kind that are used together are *concentrated*; consequently fewer pieces are required than has heretofore been possible, with the further result that any given number of men may work in much less floor space than has hitherto been possible. It is obvious that if a composing room has only one work bench and only one general lead and slug supply and only one reserve supply of spaces and quads or quotation quads or metal furniture, its production efficiency decreases in ratio with the number of workmen employed, because the average distance between man and materials is lengthened. A compositor uses such a variety of materials that he must move about to get them. The Cut-Cost System reduces his pedal movements to the minimum by *concentrating* the materials as near as possible to him.

A Cut-Cost Unit of Production. The difficulty referred to in the preceding paragraph is overcome in the Cut-Cost System by arranging the larger composing rooms in production units, one of which is shown in fig. 7, above. When a composing room has more than eight active single alleys, considerations of economy make it desirable to create another unit, which is

done at no great expense by adding another Cut-Cost Justifying Materials Cabinet (10 in above picture), another Cut-Cost Work Bench and Auxiliary Cabinet (9) and one or more of the small Cut-Cost Brass Rule, Quotation and Metal Furniture Cabinets (7 or 8).

Efficiency of the Cut-Cost Unit. A little study of the above picture shows that in each alley there are *concentrated* in the Cut-Cost Type Cabinets (1-6 in picture) ample alley supplies of spaces, quads, leads, slugs, and $\frac{1}{2}$ and 1 pt. spaces; while in the small cabinets (7 and 8) workmen reach in a minimum of steps brass rules, quotations and metal furniture. The reserve supplies of spaces, quads, brass rules, leads, slugs, leaders and all other auxiliary materials (borders, ornaments, initials, signs, special figures, etc.) are *concentrated* in Cut-Cost Justifying Materials Cabinet (10) and a Cut-Cost Work Bench and Auxiliary Cabinet (9). Thus, in five kinds of cabinets the men in a unit of eight single active alleys have ample quantities of every sort of materials needed in assembling any kind of type composition from the handing out of the copy until the job or page reaches the proof press and it is stored under a Cut-Cost Imposing Table (11 in picture) awaiting return of the proof.

AMERICAN CUT-COST TYPE CABINET

Patented Nov. 15, 1918

No. 542 (IN STEEL); No. 9001 (IN WOOD)

Type forms are set and assembled more rapidly and easily in alleys formed with this cabinet than is possible when other type cabinets are used. A Cut-Cost alley is illustrated on page 1024. This cabinet carries an unequalled variety and quantity of materials—all that are most commonly used in commercial work, and all placed to the best advantage, within arm's reach of

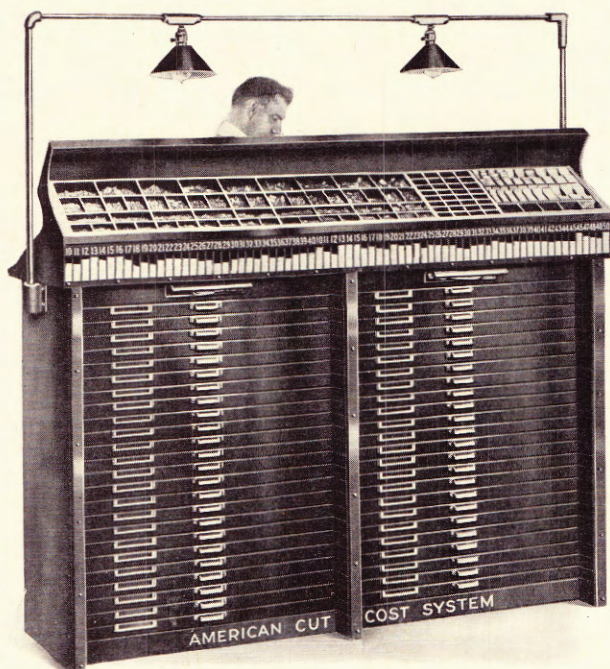


Fig. 8—Case Side of Cut-Cost Type Cabinet, No. 542 (in Steel); No. 9001 (in Wood). Electric Fixtures are the only extra. The design is alike in both Wood and Steel. See specifications on page 1028.

the compositor or make-up man. Hence its positive time-saving quality. It *brings* the materials to the man and *saves* the time used by the man which he loses in going out of his alley for the materials when he works on other styles of type cabinets.

A user of these cabinets fully explained the superiority of Cut-Cost Type Cabinets when he wrote: "Each alley is a complete miniature composing room, giving the maximum of efficiency." This maximum efficiency in the alley is attained when Cut-Cost Type Cabinets are supplemented with Cut-Cost Brass Rule, Quotation and Metal Furniture Cabinets, shown on pages 1030 and 1031.

Contents Capacity: In the body there are 46 full size California job cases and 2 full size blank cases. The blank cases serve for holding copy, gauges, sticks, etc., as well as Cut-Cost Small Cap Cases (fig. 10, page 1027), if required. Above the body, on case side, is a rack with numbered compartments, which will hold an alley supply of leads in lengths from 10 to 40 picas, by ems, and of slugs in lengths from 10 to 50 picas, by ems. Above the lead rack is a Spacing Materials Case, in one end of which is a bank for leads and slugs from $1\frac{1}{2}$ to $9\frac{1}{2}$ picas, by ens. The short-length leads and slugs are stacked double depth in the bank, in which a patented feature makes the leads and slugs in bottom of each compartment as accessible as those on top. The spacing materials case also has boxes for 9 sizes of spaces and quads (5 lbs. of each), and also 32 round bottom boxes for all sizes of copper $\frac{1}{2}$ pt. spaces and brass 1 pt. spaces.

Working Side (fig. 9). Ample space is provided for one man to work in and to assemble the special materials he may require for the work he has in hand. Here he works without interference from other compositors, for there are no materials on or under the working bank or the auxiliary bank which another compositor might need. It is a mistake in commercial plants to attempt to carry justifying and spacing materials on the working side of a type cabinet: Because, *first*, a job compositor needs the full use of the working and auxiliary banks in order to get a maximum product; *secondly*, it is impossible to carry a sufficient variety or quantity of materials on the working side; and, *thirdly*, a compositor usually, and not illogically, asserts a proprietary claim to the exclu-

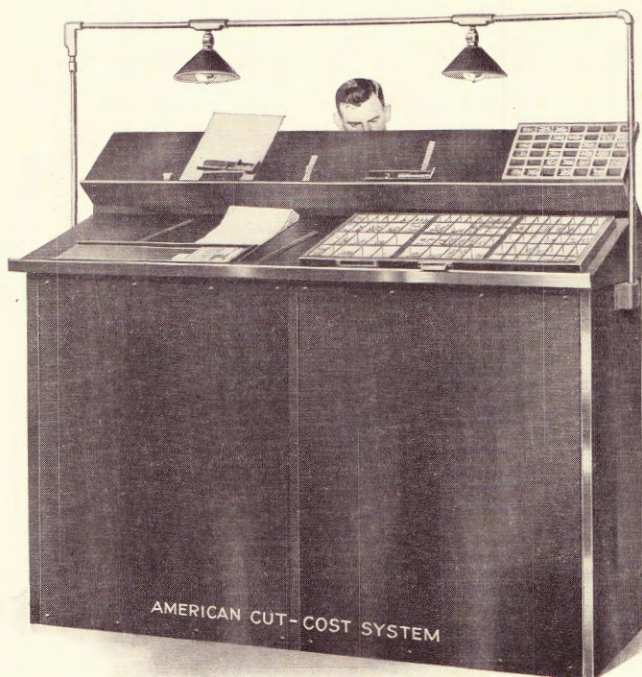


Fig. 9—Working Side of Cut-Cost Type Cabinet

sive use of the materials assembled on his working banks, and resents their use by other men. Placing materials in wrong places is a hindrance to production, as it invites disputes and unnecessary conversation. Where Cut-Cost Type Cabinets are used no man can establish a "corner" on materials for which he has no immediate use. Men may come and go in a Cut-Cost alley, and set and justify a line or a stickful, without interfering with the man regularly stationed in the alley, as shown in fig. 6, page 1024. This is an important factor in increasing production.

Electric Fixtures are extra, and are not supplied unless specifically ordered. They are sold in three ways, as detailed in specifications at foot of next page. Electric lights on cabinets undoubtedly expedite the work.

Provision for Small Caps. California job cases having almost entirely superseded pair cases in commercial composing rooms, the Cut-Cost System includes a Cut-Cost Small Cap Case (fig. 10), a little less than one-third the size of a full size case. Three of these fit into one of the full size blank cases which are part of the regular equipment of the cabinet. When in use in connection with a California job case, the small cap case is placed on the auxiliary bank as illustrated in fig. 9.

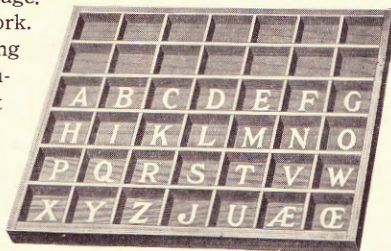


Fig. 10—No. 9001-D Cut-Cost Small Cap Case

(Description of Cut-Cost Type Cabinets continued on following page)

DESCRIPTION OF CUT-COST TYPE CABINETS—Continued

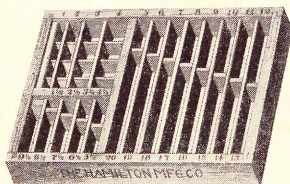


Fig. 11—No. 3197 Midget Case for 1 pt. leads

Provision for 1 Pt. Leads. The Cut-Cost System includes a Midget Case, 5x7½ in. over all (fig. 11), for carrying 1 pt. leads. This case may be kept in one of the full size blank cases in cabinet when not in use. There are also places for these little cases in a Cut-Cost Brass Rule, Quotation and Metal Furniture Cabinet, as shown in fig. 21, page 1031. This case is an extra.

Provision for Using Pair Cases on Working Bank. Where it is necessary to use pair (upper and lower) cases on working banks of a Cut-Cost Type Cabinet, a pair of Cut-Cost Upper Case Brackets

may be attached, as illustrated in fig. 13. Thus held, the cap case is nearer the compositor than it is on an ordinary case stand. These brackets are an extra.

Galley Stop (fig. 12). One of this useful item is furnished without extra charge with each Cut-Cost Type Cabinet.

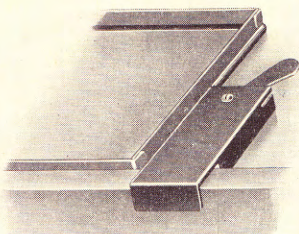


Fig. 12—Galley Stop furnished with each wood or steel Cut-Cost Type Cabinet

Numbers on Cases. Users of the Cut-Cost Type Cabinets will print case numbers as required, placing them in the label holders which are furnished without extra charge.

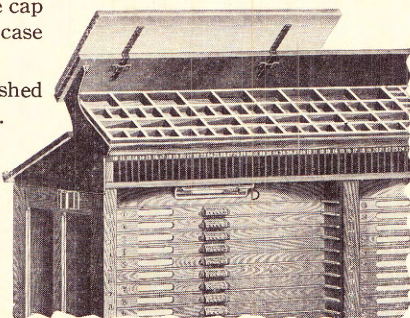


Fig. 13—No. 542-H Cut-Cost Upper Case Brackets, in use. The case rests on the auxiliary bank, supported by the brackets.

Steel Front Protectors on Cases. Steel front protectors on cases are part of the regular equipment of steel Cut-Cost Type Cabinets, though these are an extra in other steel type cabinets. There is no part of a type cabinet that is subjected to more wear and tear than the case fronts, which, therefore, require to be protected by steel fronts, without which a steel type cabinet is not wholly what it is claimed to be. However, if steel front protectors are not wanted they will be omitted, and a deduction will be made from price of cabinet.

SPECIFICATIONS OF CUT-COST TYPE CABINETS AND EXTRAS FOR SAME

Wood Construction

No. 9001—Cut-Cost Type Cabinet, same design as in figs. 8 and 9, antique finish, includes 48 full size cases (46 California job and 2 blank), mortised label holders, galley stop (fig. 12), 2 brass lead gauges, lead and slug rack and spacing materials case; floor area, 22½x70 in.; area over all, 25x72 in.; approx. shipping weight, 850 lbs., shipped in 2 crates. *Code word:* WAKENED.

Extras for No. 9001; Some for No. 542

No. 9001-A—Electric Wiring, complete, for 4 lights; 2 over working bank and 2 over cases, but not including lamps, as shown in fig. 8, page 1026; approx. shipping weight, 50 lbs. *Code word:* WALDENSES.

No. 9001-B—Electric Wiring for 2 lights over working banks only, but not including lamps; approx. shipping weight, 30 lbs. *Code word:* WALDGRAVE.

No. 9001-C—Electric Wiring for 2 lights over cases only, but not including lamps; approx. shipping weight, 20 lbs. *Code word:* WALKABLE.

No. 9001-D—Cut-Cost Small Cap Case (fig. 10, p. 1027), one-third size; shipping weight, 1½ lbs. *Code word:* WALLCRESS.

No. 9001-E—Cut-Cost Upper Case Brackets (fig. 13), per pair; shipping weight, 2 lbs. *Code word:* WALLACH.

No. 3197—Midget Lead Case for 1 pt. leads (fig. 11), one-eighth size; shipping weight, ¾ lb. *Code word:* WAIVING.

Steel Construction

No. 542—Cut-Cost Type Cabinet (fig. 8), color olive green, includes 48 full size cases (46 California job and 2 blank), steel front protectors on type cases, brass label holders, galley stop (fig. 12), 2 brass lead gauges, lead and slug rack and spacing materials case (shown in fig. 8); floor area, 21½x68½ in.; area over all, 23x69¼ in.; approx. shipping weight, 1150 lbs.; shipped in 2 crates. *Code word:* URANIA.

Extras for No. 542

For other extras used on both wood and steel Cut-Cost Type Cabinets, see preceding column.

No. 542-C—Electric Wiring, complete, for 4 lights; 2 over working bank and 2 over cases, but not including the lamps, as shown in fig. 8, page 1026; approx. shipping weight, 50 lbs. *Code word:* UPUPAS.

No. 542-D—Electric Wiring for 2 lights over working banks only, but not including lamps; approx. shipping weight, 30 lbs. *Code word:* UPWARD.

No. 542-E—Electric Wiring for 2 lights over cases, but not including lamps; approx. shipping weight, 20 lbs. *Code word:* UPWHIRLED.

No. 542-H—Cut-Cost Upper Case Brackets (fig. 13), per pair; shipping weight, 2 lbs. *Code word:* URBANITY.

NOTE—See foot of opposite page for fonts of materials for use in top of Cut-Cost Type Cabinets.

TOP ONLY AMERICAN CUT-COST TYPE CABINET

Patented Nov. 15, 1918

No. 542-B (IN STEEL); No. 9011 (IN WOOD)

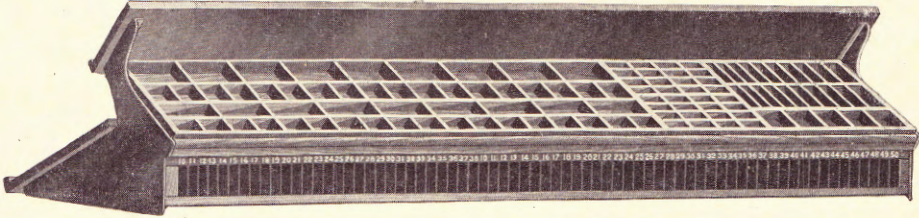


Fig. 14—Top of Cut-Cost Type Cabinet, No. 542-B (in Steel) and No. 9011 (in Wood), sold separately for use on old-style type cabinet bodies.

Certain obsolete styles of type cabinets and case stands of time-wasting designs may be made more productive by replacing the original tops with Cut-Cost Tops, which are sold separately. The effect of such a substitution is illustrated below. Not a few printers are adding steel Cut-Cost Tops to the bodies of obsolete wooden cabinets as a step toward refitting their composing rooms in steel at a future date. No better demonstration of the efficiency of Cut-Cost Type Cabinets can be presented than the contrast between figs. 15 and 16 below.

Cut-Cost Tops fit the bodies of New Departure Cabinet No. 68, Steel-Run Stands Nos. 21 and 24 and Porter Extension Front Cabinet No. 7, when flat top is removed. They can also be made to fit other type cabinets. In ordering, give over-all dimensions of body of cabinet under flat top.

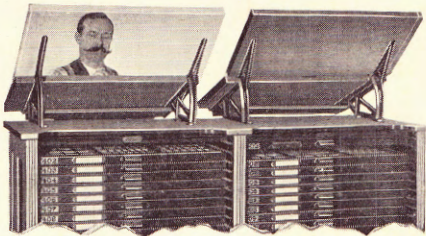


Fig. 15—View of Porter Extension Front Cabinet No. 7, hundreds of which are still in use, though no longer made. One upper case is X-rayed to show how the compositor is hidden in the alley. Type cases afford insecure surfaces upon which to work. The space behind them is a catch-all for misplaced materials.

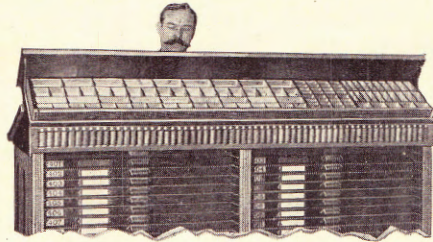


Fig. 16—The body of this cabinet is the same as that shown at left, but now it has a time-saving Cut-Cost Top, which gives it all the efficiency of the Cut-Cost Type Cabinet. The compositor can see and be seen. The alleys are transformed into miniature composing rooms in which type is set up quicker.

SPECIFICATIONS OF CUT-COST TOPS ONLY

Steel Construction

No. 542-B—Top only for Cut-Cost Type Cabinet, olive green finish, complete as in fig. 14, with spacing materials case, galley stop (fig. 12), and 2 brass lead gauges; approx. shipping weight, 235 lbs. *Code word: URANITIC.*

Wood Construction

No. 9011—Top only for Cut-Cost Type Cabinet, antique finish, complete as in fig. 14, with spacing materials case, galley stop (fig. 12), and 2 brass lead gauges; approx. shipping weight, 195 lbs. *Code word: WALKNOT.*

NOTE—In ordering it is necessary to give the over-all dimensions of the body of the cabinet (under the flat top) for which the top is ordered.

FONTS OF MATERIALS ASSORTED FOR A CUT-COST TOP

Specify "For Cut-Cost Top" when ordering each item.

SPACES AND QUADS, 5 lbs. of each of 9 sizes.

No. 9011-A—COPPER (½ pt.) THIN SPACES, a 2 oz. package each of 6, 8, 10, 12, 14, 16, 18, 20, 24, 30, 36, 42, 48, 60 and 72 pt.; 15 packages in all.

No. 9011-B—BRASS (1 pt.) THIN SPACES, same assortment as of Copper Thin Spaces.

No. 9011-C—METAL SPACES, 2 pt., a font of 3 lbs. containing 10 ozs. each 18, 24, 36, 48 pt., and 8 ozs. 60 pt.

No. 9011-D—METAL LEADS, in bank, 2 pt., 197 pieces each of lengths 5 to 9½ picas, inclusive, graduated by ens; approx. weight, 20 lbs.

No. 9011-E—METAL SLUGS, in bank, 6 pt., 69 pieces each of same lengths as of leads; approx. weight, 20 lbs.

No. 9011-F—METAL LEADS, in rack, 2 pt., 83 pieces each of lengths 10 to 40 picas inclusive; approx. weight, 85 lbs.

No. 9011-G—METAL SLUGS, in rack, 6 pt., 28 pieces each of lengths 10 to 50 picas inclusive; approx. weight, 136 lbs.

AMERICAN CUT-COST BRASS RULE, QUOTATION AND METAL FURNITURE CABINET

No. 546 (IN STEEL); No. 9041 (IN WOOD)

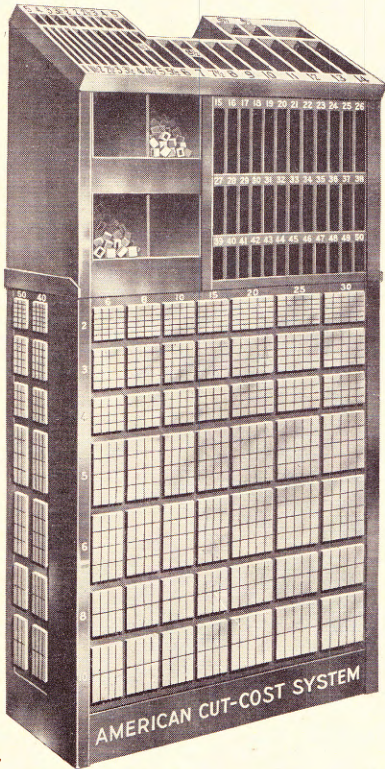


Fig. 17—Cut-Cost Brass Rule, Quotation and Metal Furniture Cabinet, No. 546 (in Steel); No. 9041 (in Wood). See specifications at foot of the opposite page.

from 6 to 14 picas, graduated by ems; 100 pieces each of 5½, 6½, 7½, 8½ and 9½ picas; 144 pieces each of 15 to 26 picas; 96 pieces each of 27 to 38 picas; 63 pieces each of 39 to 50 picas; 70 pieces each right and left miters, lengths 2, 2½, 3, 4 and 5 picas, inclusive. Approximate weight of brass rule carried is 180 lbs. The partitions in racks are of wood, to prevent injury to face of rules.

Large Rule Fonts. These rule cabinets are designed for plants using large fonts of one or more kinds of rule. While they are accessible for general use, they serve as storage cases from which the small quarter size brass rule cases may be replenished. Though quarter size cases are best for individual use, they waste a lot of time when they are the sole sources of supply. Each small case carries a very small number of any one length of rule, and requires incessant replenishing. Without a reserve from which to replenish the individual cases, compositors chase from one small case to another for enough pieces of rule for many of their jobs. This cabinet is more efficient than any large rule case. The brass rule section may be bought separately—see p. 1032, fig. 23.

A Brass Rule Cabinet for a Lively Plant. The cabinet illustrated on this page differs from the cabinet shown on opposite page only in the top. This top includes an entirely novel brass rule cabinet, capacity 180 lbs., which is three times more than any rule case on the market will hold. The compartments are arranged to provide a better assorted font than the ordinary full size rule cases carry. In rule cases there is usually provision for no greater number of 13 pica rules than there is for 50 pica rules. This cabinet will carry of lengths 1 to 14 picas, 216 pieces, while for lengths 39 to 50 picas the capacity is 63 pieces each.

As a Metal or Iron Furniture Case. This cabinet holds 1278 pieces, as per accompanying table, assorted with relation to the frequency with which each size is used, weighing in metal approximately 350 lbs. (Half fonts are also sold.)

Lengths		6	8	10	15	20	25	30	40	50 picas	
Widths {	2-line	40	40	40	40	30	30	30	24	18=	292
	3-line	32	32	32	32	25	25	25	20	15=	238
	4-line	28	28	28	28	20	20	20	16	12=	200
	5-line	28	28	28	28	20	20	20	16	12=	200
	6-line	28	28	28	28	20	20	20	16	12=	200
	8-line	..	12	12	12	10	10	10	8	6=	80
	10-line	..	..	12	12	10	10	10	8	6=	68
		156	168	180	180	135	135	135	108	81=	1278

As a Quotation Quad Case. In four bins in the top are held 15 lbs. each of 1½, 2, 3 and 4 pica quotation quads, or 60 lbs. in all.

As a Brass Rule Case. This cabinet will hold of 2 p. rule 216 pieces each of 1 to 5 picas, graduated by ens, and

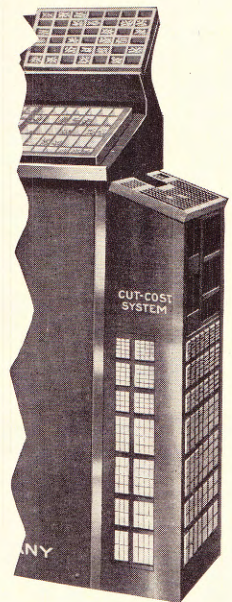


Fig. 18—Shows relation of Brass Rule and Metal Furniture Cabinet to type cabinet. It projects 10 in.

AMERICAN CUT-COST BRASS RULE, QUOTATION AND METAL FURNITURE CABINET

No. 547 (IN STEEL); No. 9044 (IN WOOD)

This is a variation of the cabinet illustrated on opposite page, the description of which applies to both, so far as the body is concerned. Only the tops are different.

The Top is a Brass Rule Case Cabinet. The top of this cabinet has 6 drawers, each of which will carry one each quarter size and eighth size case, as shown in figs. 21 and 22, below. Each drawer has pull and label holder. The drawers may be used for other purposes than for brass rules, if desired. Fig. 22 shows a rear compartment carrying brass circles. Cases are extra. For cases see page 1032.

Quotations. This cabinet will hold, in 4 open bins on top, 80 lbs. of quotation quads, 1½, 2, 3, and 4 pica bodies.

Metal or Iron Furniture. Body carries same quantities as in table on opposite page—1278 pieces, weighing approximately 350 lbs.

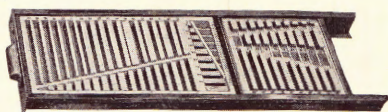


Fig. 21—Drawer of cabinet, holding one each quarter and eighth size cases, containing two brass rule fonts.

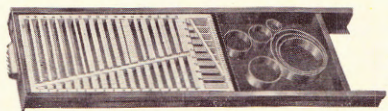


Fig. 22—Showing drawer of cabinet with brass rule font in quarter case, rear compartment holding brass circles.

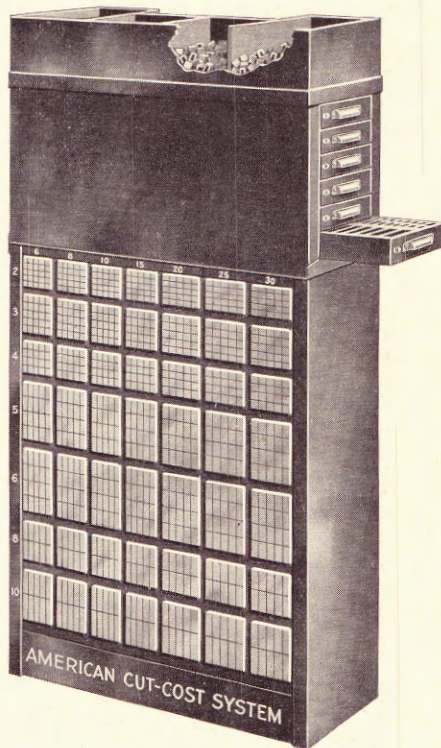


Fig. 20—Cut-Cost Brass Rule, Quotation and Metal Furniture Cabinet, Nos. 547 (Steel) and 9044 (Wood). See fig. 17 for view of rear end.

SPECIFICATIONS OF CUT-COST BRASS RULE, QUOTATION AND METAL FURNITURE CABINETS

Steel Construction

No. 546—Cut-Cost Brass Rule, Quotation and Metal Furniture Cabinet (fig. 17), olive green finish; floor area, 9¼x25¼ in.; height, 43 in.; approx. shipping weight, 150 lbs., shipped in 2 crates. *Code word: URGENCY.*

No. 546-C—Cut-Cost Brass Rule and Quotation Cabinet, with brackets (fig. 23, next page), olive green finish; area over all, 9¼x25¼ in.; height, 15¼ in.; approx. shipping weight, 60 lbs. *Code word: USABLE.*

No. 547—Cut-Cost Brass Rule, Quotation and Metal Furniture Cabinet (fig. 20), olive green finish; floor area, 9¼x25¼ in.; height, 43 in.; approx. shipping weight, 140 lbs., shipped in 2 crates; cases not included—for these see next page. *Code word: URNFULS.*

Wood Construction

No. 9041—Cut-Cost Brass Rule, Quotation and Metal Furniture Cabinet (fig. 17), antique finish; floor area, 10x25¼ in.; height, 43 in.; approx. shipping weight, 150 lbs., shipped in 2 crates. *Code word: WALLMOSS.*

No. 9041-C—Cut-Cost Brass Rule and Quotation Cabinet, including brackets (fig. 23, next page), antique finish; area over all, 10x25¼ in.; height, 15¼ in.; approx. shipping weight, 65 lbs. *Code word: WARCRY.*

No. 9044—Cut-Cost Brass Rule, Metal Furniture and Quotation Cabinet (fig. 20), antique finish; floor area, 10x25¼ in.; height, 43 in.; approx. shipping weight, 155 lbs., shipped in 2 crates; cases not included—for these see next page. *Code word: WALLWERS.*

FONTS OF MATERIALS ASSORTED FOR ABOVE CABINETS

No. 546-E—Unit font 2 pt. Labor-Saving Brass Rule for Cabinets Nos. 546, 546-C and 9041, any plain face rule: 70 pieces each 1 to 5 picas, by ems; 33 pieces 5½, 6½, 7½, 8½, 9½ picas; 70 pieces 6, 7, 8, 9 and 10 to 14 picas, by ems; 46 pieces 15 to 26 picas, by ems; 32 pieces 27 to 38 picas by ems; and 20 pieces 39 to 50 picas, by ems (no miters); approx. weight, 58 lbs.; three fonts fill one cabinet.

No. 546-F—Full font 2 pt. Miters, any plain face rule;

8 sets each of 2, 2½, 3, 4, 5 picas outside; price is per set.

No. 546-G—Half font 2 pt. Miters, any plain face rule; 4 sets of lengths as in font No. 546-F; price is per set.

No. 546-H—Metal Furniture, 1278 pieces as per table on opposite page; approx. weight, 350 lbs.

No. 546-J—Metal Furniture, 639 pieces, half number of pieces in No. 546-H; approx. weight, 175 lbs.

No. 546-K—Iron Furniture, 1278 pieces as per table.

AMERICAN CUT-COST BRASS RULE AND QUOTATION CABINET

No. 546-C (IN STEEL); No. 9041-C (IN WOOD)

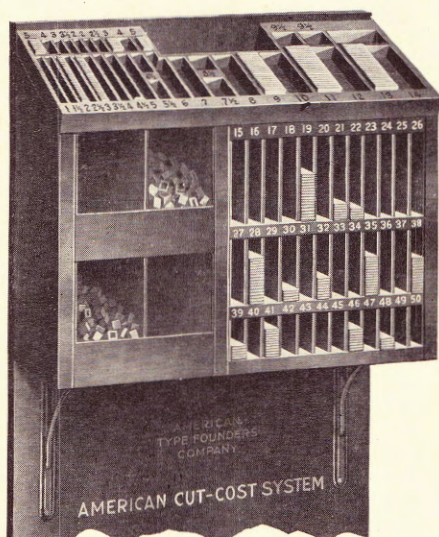


Fig. 23—Cut-Cost Brass Rule and Quotation Cabinet, No. 546-C (Steel); No. 9041-C (Wood), including brackets. For specifications see preceding page.

This cabinet is made to be bracketed on end of a type cabinet or on a wall. A pair of brackets is included. It will hold 180 lbs. of rule, while a full size rule case holds about 60 lbs. It provides for a better assorted font. In a full size rule case each compartment holds the same number of pieces, about 48 of 2 point, irrespective of length, whether 13 or 50 picas. The maximum number of pieces of each length that may be held in this cabinet are:

216 pieces each 1 to 5 picas, graduated by ems, and from 6 to 14 picas, graduated by ems.

100 pieces each $5\frac{1}{2}$, $6\frac{1}{2}$, $7\frac{1}{2}$, $8\frac{1}{2}$, $9\frac{1}{2}$ picas.

144 pieces each 15 to 26 picas, graduated by ems.

96 pieces each 27 to 38 picas, graduated by ems.

63 pieces each 39 to 50 picas, graduated by ems.

70 pieces each right and left miters; lengths 2, $2\frac{1}{2}$, 3, 4, 5 picas.

Approximate weight of brass rule carried, 180 lbs. For specifications of unit font of brass rules see page 1031.

Quotation Quads. Four bins hold 60 lbs. of quotation quads—15 lbs. each of bodies $1\frac{1}{2}$, 2, 3 and 4 picas.

Dimensions. Note the small dimensions: $9\frac{3}{4}$ in. deep, $25\frac{1}{4}$ in. wide, $15\frac{1}{4}$ in. high.

QUARTER AND EIGHTH SIZE CASES

Following are a few of these very useful cases, suitable for use with certain Cut-Cost cabinets. These cases are step-savers and they conserve materials. Few printing plants have half enough of them.

This small case is specially useful in connection with cabinets illustrated on pp. 1031 and 1036.

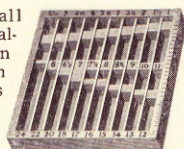


Fig. 26—Eighth size Case No. 3097, for brass rules, or 1 pt. leads.

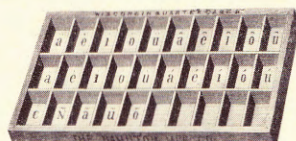


Fig. 24—Quarter size Case No. 3030, for accented letters, split fractions, ornaments, special figures and other purposes.

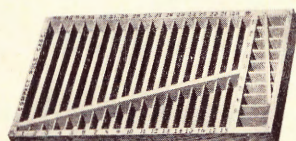


Fig. 25—Brass Rule Case No. 3045, holds 20 pieces each of lengths 1 to $9\frac{1}{2}$ picas by ems, 10 to 36 picas by ems, with boxes for miters.

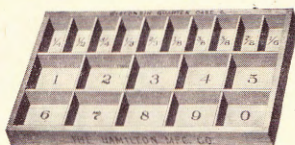


Fig. 27—Quarter size Case No. 3035, for figures and fractions.

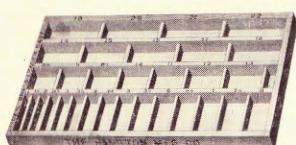


Fig. 28—Quarter size Case No. 3055, for brass leaders.

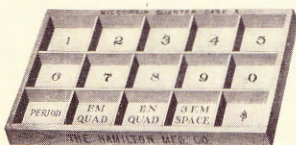


Fig. 29—Quarter size Case No. 3025, for special figures and spaces and other purposes.

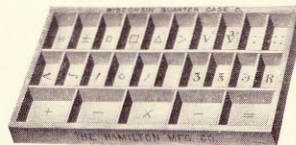


Fig. 30—Quarter size Case No. 3040, for signs, split fractions, accented letters and other purposes.

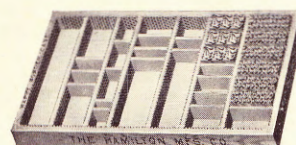


Fig. 31—Quarter size Case No. 3080, for borders. Has partitions adjustable in both directions.

CUT-COST OPEN TYPE CABINET

No. 9018; MADE IN WOOD ONLY

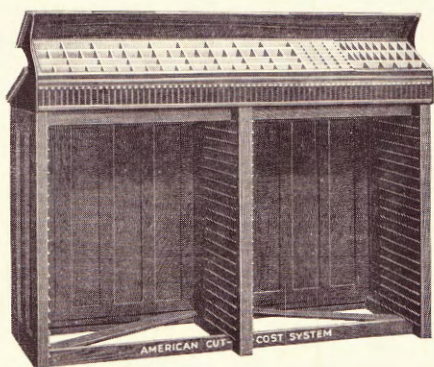


Fig. 32—Case side, as sold, without cases, showing rear of Cut-Cost Top No. 9011.

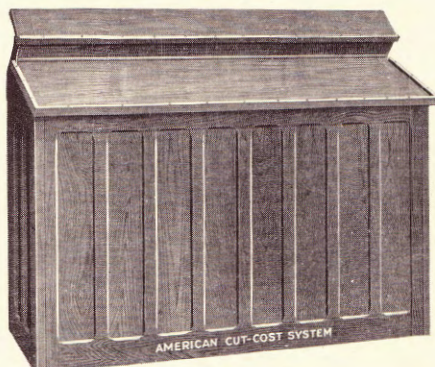


Fig. 33—Working side, showing Cut-Cost Top No. 9011, described on page 1029.

This open cabinet is made to hold 40 full size regular lip-front cases. It will not take cabinet-front cases. The top is the same as the top of Cut-Cost Type Cabinet No. 9001

SPECIFICATIONS FOR CUT-COST OPEN TYPE CABINET

No. 9018—Cut-Cost Open Type Cabinet, as per figs. 32 and 33, made in wood only, to hold 40 full size regular lip-front cases, but sold without cases; antique finish; floor area, $22\frac{1}{2} \times 70$ in.; approx. shipping weight, 475 lbs., shipped in 2 crates. *Code word: WALLTREE.*

DEAD-MATTER OR LETTERBOARD CABINETS

No. 2460 (IN WOOD); No. 12460 (IN STEEL)

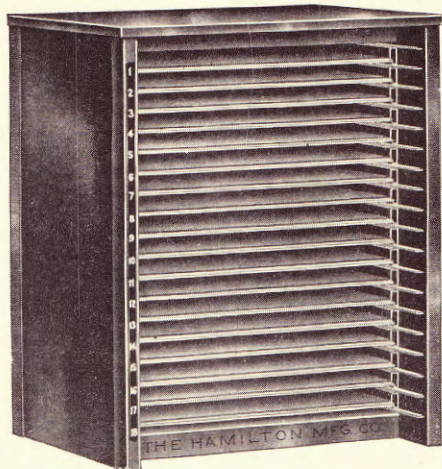


Fig. 34—Steel Dead-Matter or Letterboard Cabinet No. 12460, with 18 steel letterboards.

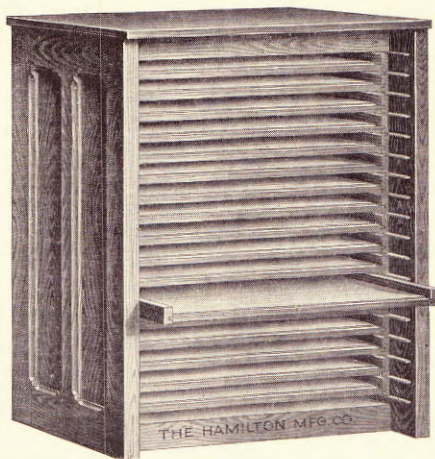


Fig. 35—Wood Dead-Matter or Letterboard Cabinet No. 2460, with 17 wood letterboards.

In the Cut-Cost System the use of letterboards is limited to carrying dead matter and for storing extra large jobs. The letterboards have closed backs and are open and rabbeted in front.

SPECIFICATIONS FOR DEAD-MATTER OR LETTERBOARD CABINETS

Steel Construction

No. 12460—Dead-Matter or Letterboard Cabinet (fig. 34), with 18 full size steel letterboards, each $30\frac{3}{8} \times 16\frac{1}{2}$ in. inside; floor area, $21\frac{1}{2} \times 35$ in.; height, 43 in.; approx. shipping weight, 575 lbs. *Code word: UTTERLY.*

Wood Construction

No. 2460—Dead-Matter or Letterboard Cabinet (fig. 35), with 17 full size wood letterboards, each $30\frac{3}{8} \times 15\frac{1}{8}$ in. inside; floor area, $35\frac{1}{2} \times 22\frac{1}{2}$ in.; height, $43\frac{3}{4}$ in.; approx. shipping weight, 425 lbs. *Code word: WARFARE.*

CUT-COST LARGE LETTER CABINET

No. 543; MADE IN STEEL ONLY

This cabinet meets a requirement, hitherto unsupplied, of the larger printing plants for carrying fonts which cannot be put in any kind of full size cases. The only substitute for this cabinet is a wood type cabinet, the cases in which are not strong enough to carry a full weight of metal type.

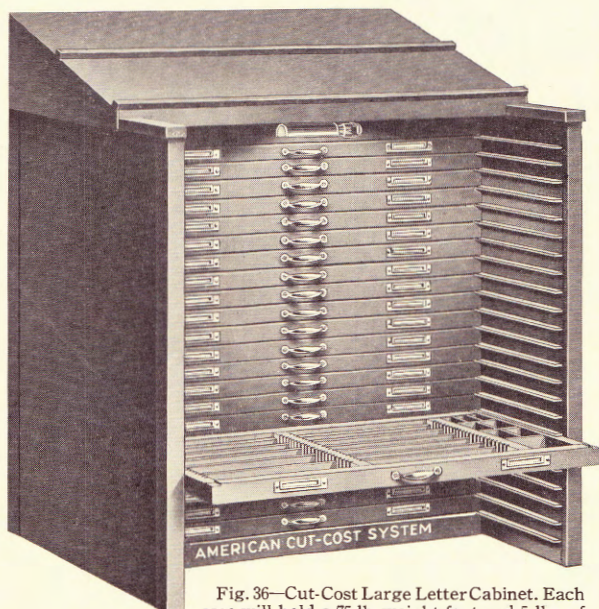


Fig. 36—Cut-Cost Large Letter Cabinet. Each case will hold a 75 lb. weight font and 5 lbs. of spaces and quads.

96 pt. and 5 lbs. of spaces and quads; or a case will carry a weight font of 50 lbs., with six rows to spare; or two job fonts of certain large types may be carried in one case.

For Script Types. The cases in this cabinet are recommended for script types, especially those of large size. When used for script types, each letter of the alphabet and the figures should be separated by a quotation quad. This will make both composition and distribution easier. Script types thrown in regular cases are always in danger of damage from the mere movement of the cases.

Lighting. As these cabinets are specially useful in newspaper plants, an electric light over the cases is almost indispensable, hence this cabinet is supplied with electric fixtures. The lamp is not supplied.

The Top is arranged as a bank for convenience in assembling long lines on galleys for broadsides and posters and scare heads.

Novel Features. The steel front cases, of which there are 22, are extra strong, with bottoms screwed on, and move on rollers on steel runs, so that a case carrying 75 lbs. of types and 5 lbs. of spaces and quads can be pulled out easily with one hand. The body of the cabinet is extra deep, so that when a case is pulled out to expose all its contents it is supported by runs for three-quarters of its depth as shown in fig. 36—an important feature.

The division strips between the rows of type are 18 pts. thick; they engage in notches in sides of both compartments, and are so arranged that the spaces between them may be varied by 6 pts. As each case will carry two large size job fonts, two label holders are provided on each case.

Capacity. A case will carry a 75 lb. weight font of either 84 or

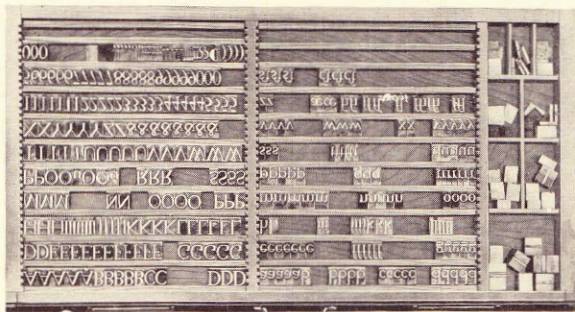


Fig. 37—Case used in Cut-Cost Large Letter Cabinets. These will carry 80 lbs. of types and spaces and quads. They run on rollers.

SPECIFICATIONS OF CUT-COST LARGE LETTER CABINET

No. 543—Steel Cut-Cost Large Letter Cabinet (fig. 36), with 22 steel front cases (fig. 37) and wiring for electric light over cases, without bulb, olive green finish; each

case with two brass label holders; floor area, 43 $\frac{1}{2}$ x30 $\frac{1}{2}$ in.; height, 51 $\frac{1}{2}$ in.; approx. shipping weight, 650 lbs. Code word: WARDENS.

CUT-COST WORK BENCH AND AUXILIARY CABINET

No. 528 (IN STEEL); No. 9075 (IN WOOD)



Fig. 38—Cut-Cost Work Bench and Auxiliary Cabinet, showing on this side 6 Rowen border cases and 7 drawers to hold quarter size cases; on top, a scrap pan (behind miterer), and in front 6 extra large full-depth sort drawers with adjustable partitions, and a large case for strips and off-cuts of rules and leads.

The Proper Location of this Cabinet in a composing room is shown on page 1025, where it is seen to be in center of a Cut-Cost type-setting unit.

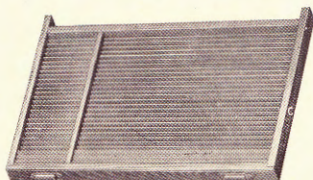


Fig. 39—Case for strips and off-cuts of brass rules and leads. The partitions are spaced to keep this material on edge, the brass rules face up.

The mitering machine, rule cutter, and the quarter cases are extras, to be ordered separately.

SPECIFICATIONS FOR CUT-COST WORK BENCH AND AUXILIARY CABINETS

Steel Construction

No. 528—Cut-Cost Work Bench and Auxiliary Cabinet (fig. 38), olive green finish, with scrap pan; floor area, 25x37 in.; approx. shipping weight, 650 lbs. *Code word:* UPSWELLS.

Wood Construction

No. 9075—Cut-Cost Work Bench and Auxiliary Cabinet, antique finish, with scrap pan; floor area, 25x37 in.; approx. shipping weight, 450 lbs. *Code word:* WALLROCK.

This is a Four-in-One Cabinet. (1) *As a Work Bench* it is large enough for 2 men to work side by side, using the miterer and rule and lead cutter, and yet not so large as to prevent its being placed conveniently central to a group of users, as shown in fig. 7, page 1025. There is a bank in rear for carrying composing sticks, when materials are being cut to measure, or live materials cut or waiting to be cut. There is a removable steel scrap pan into which the waste may be swept. There is a case (fig. 39) for carrying full length strip and off-cut rules and leads, all kept on edge, with rules face up.

(2) *As a Quarter Case Cabinet* it will hold 20 quarter size cases in numbered drawers for carrying auxiliaries, as listed on page 1037.

(3) *As a Border Cabinet* it has 6 Rowen border cases, each 8¼x14½ in. inside, cases tilted to prevent borders from pieing.

(4) *As a Sorts Cabinet* it has a storage capacity of 1470 lbs. of leads, spaces, quads, etc., in 6 large drawers with movable partitions.

Edition Leads. When there are considerable surpluses of leads or slugs, cut for special purposes or publications, the 6 large drawers running from front to rear will carry 1470 lbs.

A Companion Cabinet. On page 1036, the relation of this cabinet to the Cut-Cost Justifying and Spacing Materials Cabinet is illustrated. They should be used together.

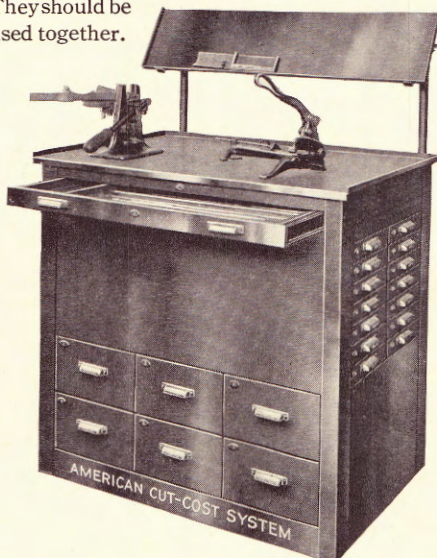


Fig. 40—Another view of Cut-Cost Work Bench and Auxiliary Cabinet, showing 14 drawers (at right) to hold quarter size cases in which to carry some of the auxiliaries listed on page 1037.

TWO CABINETS UNEQUALED IN EFFICIENCY: THESE MERIT CAREFUL STUDY

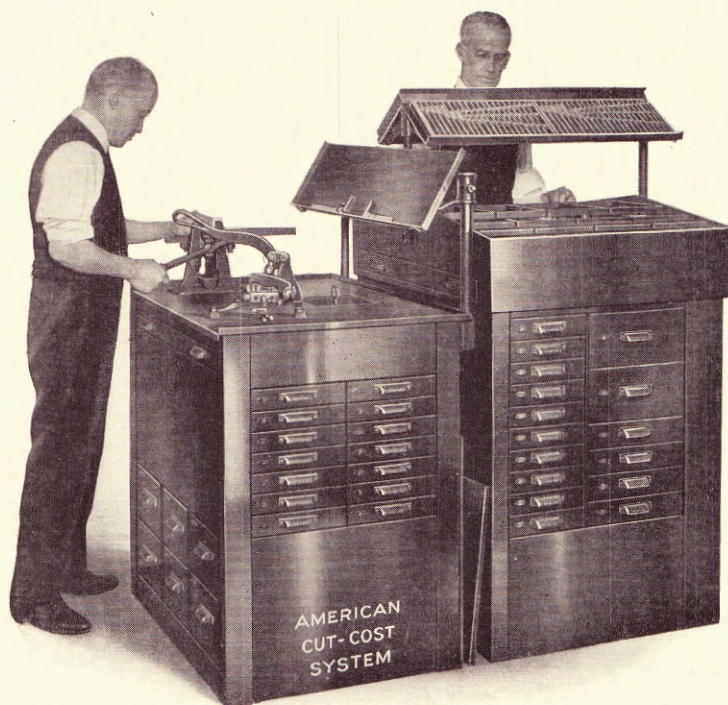


Fig. 41—The pivot of the Cut-Cost type-setting unit: Cut-Cost Justifying Materials Cabinet (right) and Cut-Cost Work Bench and Auxiliary Cabinet, holding reserve supplies of materials, enough for a Cut-Cost unit of compositors. These cabinets are more fully described on pages 1035 and 1038.

These two cabinets are the heart or pivot of a Cut-Cost type-setting unit, as illustrated in fig. 42, below. A full realization of American Cut-Cost economies depends upon the use of these cabinets. They take the place of half a dozen cabinets of non-related designs which heretofore have been necessary to carry the astonishing quantity and variety of materials that are here assembled in a position central to and quickly reached by from 5 to 8 compositors, while together they occupy a floor space of only 39x60 in.

On the opposite page is a list of the materials and auxiliaries that may be carried in these two cabinets. Few printers use all the auxiliary materials, but almost all the drawers have a variety of uses.

The drawers are numbered and each cabinet has a holder to carry a contents card, on which each kind of material may be indexed, and thus quickly found.

Necessity for Ample Reserve Supplies of Spacing and Justifying Materials. In the average composing room more time is wasted from lack of adequate supplies of these materials than from any other cause. Production is slowed down and

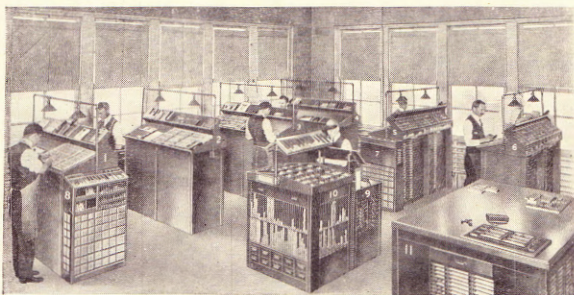


Fig. 42—Showing the pivotal relation of above two cabinets (Nos. 9 and 10 in picture) in a Cut-Cost type-setting unit.

workmen disheartened, especially in rush periods, to such an extent that the losses in a year are greater than the cost of an adequate supply of materials, which would be an asset for years.

Few printers realize that in job composition, under present conditions, there is on an average a much greater weight of spacing and justifying materials than of actual types. All type cases should be provided with spaces and quads, but 5 lbs. of these to 20 lbs. of types is barely sufficient to set the case out, if set in solid lines, and quite inadequate for display work.

The business of the man in an alley is to empty the cases and to use up spacing and justifying materials. Every time he has to hunt for materials the cost of composition is increased.

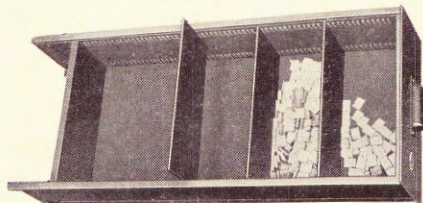


Fig. 43—In the Work Bench and Auxiliary Cabinet (left, in fig. 41) there are 6 of these drawers, Nos. 2-7, each $9\frac{1}{4} \times 20\frac{1}{4} \times 5$ in., each holding 245 lbs. of leads or quads, or sorts. The partitions are adjustable.

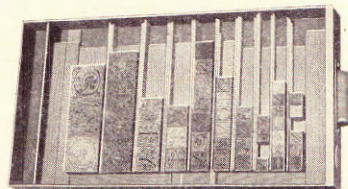


Fig. 44—In the Work Bench and Auxiliary Cabinet there are 6 of these cases, with partitions adjustable by 6 pts., for holding borders, initials, script types, etc. Each case is 8x15 in. inside, and tilted sidewise.

NOTE ASTONISHING STORAGE CAPACITY OF THESE TWO CABINETS

Spaces and Quads. More than 2900 lbs. Cabinet at the right in fig. 41 carries 640 lbs. in 8 sizes in steel removable boxes on top (each kind of space and quad in a separate box); 800 lbs. in 10 drawers (fig. 46); and cabinet at left carries 1470 lbs. in 6 drawers (fig. 43).

L. S. Leads and Slugs. More than 3700 lbs.: 1465 lbs., 4 to 50 picas long, in bank and racks (see fig. 47, page 1038), and 1470 lbs. of extra supplies of most used lengths in 6 drawers (fig. 43). Ten drawers (fig. 46) under lead rack may also be used for L. S. leads or slugs, capacity 800 lbs., making maximum capacity of both cabinets over 3700 lbs.

Strip Brass Rules or Leads: 1200 ft. strip rule, 2 pt. body, all kept on edge, face up; or 123 lbs. strip leads, kept on edge; or part rules, part leads.

L. S. Brass Rules. On overhead bank, above space and quad boxes, 32 lbs. in 2 cases; in a large drawer (fig. 48), 64 lbs. in 4 cases; or in as many of 31 drawers as required, 16 lbs. each in single drawers and 24 lbs. each in double drawers (fig. 21). Rule cases are extra.

Leaders. 120 lbs. in 4 drawers, Nos. 27 to 30 (fig. 45), to be kept in individual leader boxes. Leader boxes are extra—not supplied with cabinet.

Quotation Quads. 225 lbs. in drawer No. 26. Additional quantities may be stored in other sort drawers. Drawer No. 26 may also be used for storing quads.

Borders. Six Rowen border cases (fig. 44) are specially designed to carry script types, borders, initial letters and ornaments, kept on their feet in tilted cases, with partitions adjustable by 6 pts.

LIST OF AUXILIARIES THAT MAY BE STORED IN THESE TWO CABINETS

Ten drawers take one each quarter and eighth size cases, and 21 drawers take quarter size cases, and in these, with and without cases, may be carried any of the following auxiliaries:

Accents	Corners	Fractions	Ornaments	Rules, Perforating
—Piece	Corner Quads	—Piece	Phists	Signs, Algebraic
Adcuts	Dashes	—Split	Quads, Angular	—Astronomical
Borders	Decorators	Imprints	—Circular	—Commercial
Braces	Figures, Advertising	Initials	—Corner	—Ecclesiastical
Calendar Figures	—Canceled	Leaders, Brass	Recipe Marks	—Geometric
Calendars, Perpetual	—Inferior	—Dotted	Rules, Cutting	—Mathematical
Circles and Ovals	—Special	Letters, Inferior	—Scoring	—Medical
Composing Sticks	—Superior	—Superior	—Steel	Trade-Marks

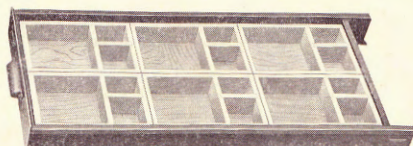


Fig. 45—In the Justifying Materials Cabinet there are 4 of these drawers, Nos. 27 to 30, each designed to hold 6 No. 3185 Individual Leader Boxes. If not required for leaders, these may be used for carrying circles, ovals, adcuts, large initials, composing sticks, etc.

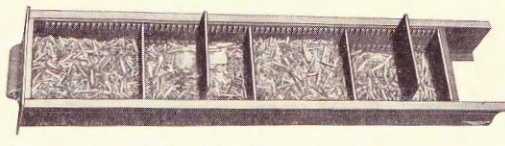


Fig. 46—In the Justifying Materials Cabinet there are 10 of these drawers, Nos. 4 to 13, each $4\frac{1}{2} \times 23\frac{1}{2} \times 3\frac{1}{4}$ in. inside, with adjustable partitions, which may be used for type sorts, spaces, quads, or surplus of certain most used lengths of leads—"edition" leads. Each drawer has a capacity of 80 lbs.

AMERICAN CUT-COST JUSTIFYING MATERIALS CABINET

NO. 525 (IN STEEL); NO. 9063 (IN WOOD)

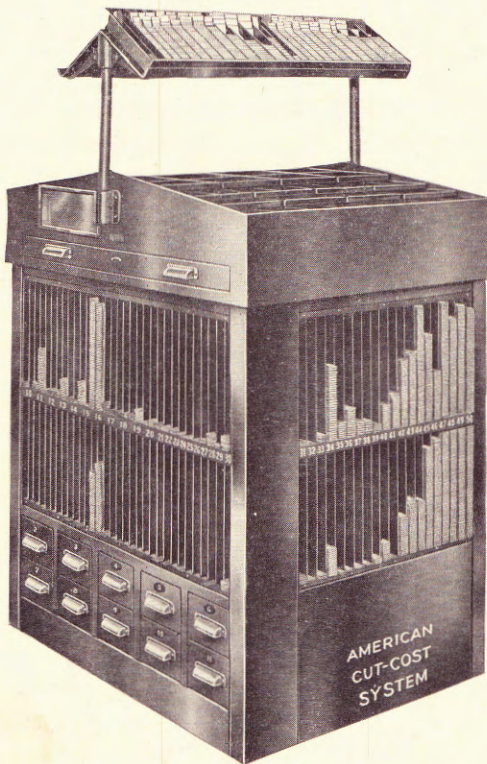


Fig. 47—Cost-Cut Justifying Materials Cabinet. Note bank for short length leads on top. For specifications see foot of next page.

TABLE OF LENGTHS AND WEIGHTS OF LEADS AND SLUGS IN BANK AND RACKS

LENGTHS . . .	4	4½	5	5½	6	6½	7	7½	8	8½	9	9½	10	11	12	13	14	15	16	17	18			
POUNDS . . .	5¼	6	6¾	7¼	8½	9¼	9¾	10½	11	11¾	12¼	13	19	21	23	25	27	29	31	33	35			
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
37	39	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	
Racks vs. Banks. Racks are better in every way																	43	44	45	46	47	48	49	50
																	42	43	44	45	46	47	48	49

Racks vs. Banks. Racks are better in every way than banks for storing leads and slugs 10 picas and longer. Careful tests have conclusively demonstrated this superiority. Racks save space immensely. Racks may be placed where they are easier of access than are banks. Leads on banks are easily pied; in racks, leads can't pi. Those only object to racks who have never used them.

Spaces and Quads. There is a total storage capacity of 1665 lbs. of spaces and quads. Steel removable boxes on top, easy of access, hold 640 lbs. of 8 sizes, each kind in a separate box, 48 boxes in all. In 10 drawers, with movable partitions, as shown in fig. 46, page 1037, 800 lbs. may be stored. Drawer No. 26 (see fig. 49), with movable partitions, holds 225 lbs.

A Space-Saver. This is a 4-in-1 cabinet. It takes the place of the following pieces of uncorrelated and time-wasting design, and occupies less than half the space: (1) a lead and slug bank; (2) a space and quad cabinet; (3) a general storage cabinet for brass rules, leaders, quotation quads, etc.; (4) a quarter case cabinet for auxiliaries. Every cubic inch within this cabinet is utilized. Every square inch of floor space has a rental value. Cut-Cost economies decisively minimize rental charges.

Lead and Slug Capacity. Short lengths of leads and slugs, 4 to 9½ picas, by ens, are carried on overhead bank, as shown in cut. Lengths of leads and slugs from 10 to 50 picas, by ems, are carried in racks. There are 4 compartments in the rack for the most used lengths (10 to 20 picas), giving a stack of each of these lengths 42 in. in height. Of lengths from 21 to 50 picas the stacks may be 21 in. high. The combined capacity of bank and racks is 1465 lbs. In addition, 2 drawers, Nos. 24 and 25, will carry on their edges 123 lbs. of strip leads or slugs. In 10 drawers, Nos. 4 to 13 (fig. 46), 800 lbs. of edition leads may be carried, if drawers are not used for spaces or quads or sorts. The maximum capacity for leads and slugs is, therefore, 2388 lbs. The following table shows weights and lengths carried in bank and racks.

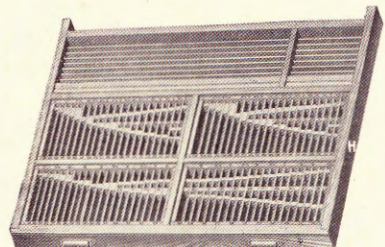


Fig. 48—Drawer No. 3 (over lead rack), carrying 4 quarter size labor-saving brass rule cases, and, in rear, compartments for strip rule and off-cuts, all held face up. See two other rule cases on overhead bank on fig. 49, next page.

Brass Rule Capacity. On overhead bank, as shown in fig. 49, there is a place for 2 Brass Rule Cases Nos. 3015 and 3020. These are designed to hold 32 lbs. of labor-saving brass rules, lengths 1 to 36 picas. In case No. 3 (fig. 48) there is space for 4 Brass Rule Cases No. 3045, holding 16 lbs. each, lengths 1 to 36 picas. In drawers Nos. 24 and 25, 1200 ft. of 2 pt. strip brass rules may be placed, face up, or either drawer may be used for strip leads. If more places for brass rules are required, any of 10 drawers, Nos. 14 to 23, will hold 1 each quarter size and eighth size brass rule case (fig. 21, page 1031).

Quotation Quads. Drawer No. 26 will hold 225 lbs. of quotation quads, each of the four bodies (18, 24, 36, 48 pt.), in separate compartments, divided by adjustable partitions. This large drawer, if not required for quotations, is available for storing quads, edition leads, etc.

Leaders. Four drawers, Nos. 27 to 30 (fig. 45, page 1037), are each designed to carry 6 Individual Leader Boxes No. 3185, total capacity 120 lbs. These drawers are suitable for storing other kinds of materials, if not required for leaders.

General Storage Purposes. Besides the drawers enumerated above, there are 10 more, Nos. 14 to 23, each of which will carry 1 each quarter size and eighth size case (fig. 54), in which any of the auxiliaries listed on page 1037 may be carried, as well as L. S. brass rules.

A Time-Saver. As a storage cabinet, vitally necessary in every composing room in which maximum production is desired, this piece is 100 per cent efficient. In a floor space of only 29x38 in. it will hold more than 3600 lbs. of Justifying Materials (leads and slugs, spaces, quads, quotations), Brass Rules (labor-saving and strip), and Auxiliaries (signs, leaders, special figures, fractions, initials, borders, etc.), as per list on page 1037. It is impossible to get more of these materials in so small a space. This extraordinary compactness makes it possible to place this cabinet within easy reach of every man in a Cut-Cost type-setting unit, as illustrated in fig. 7, page 1025. Thus many minutes of the time of every man in the unit are saved hourly. The proprietor pays for every step, however unnecessary. Every minute saved is an addition to net profits.

SPECIFICATIONS OF CUT-COST JUSTIFYING MATERIALS CABINET

Steel Construction

No. 525—American Cut-Cost Justifying Materials Cabinet, as illustrated, with overhead short lead bank, but without quarter size and eighth size cases and leader boxes; olive green finish; floor area, 28½x37 in.; height over all, 57 in.; approximate shipping weight, 950 lbs., shipped in 2 crates. *Code word:* UPSPRING.

Wood Construction

No. 9063—American Cut-Cost Justifying Materials Cabinet, with overhead short lead bank, but without quarter and eighth size cases and leader boxes; antique finish; floor area, 28x37 in.; height over all, 60 in.; approximate shipping weight, 600 lbs., shipped in 2 crates. *Code word:* WALLPIECE.

CASE EQUIPMENT FOR NOS. 525 AND 9063

No. 3185—Individual Leader Box (fig. 50).
No. 3097—Eighth size Brass Rule Case (fig. 26, p. 1032).
No. 3045—Brass Rule Case (fig. 25, p. 1032).

Nos. 3015 and 3020 Brass Rule Cases work together as one case, holding lengths from 1 to 36 picas, to place on overhead bank as shown in fig. 49.

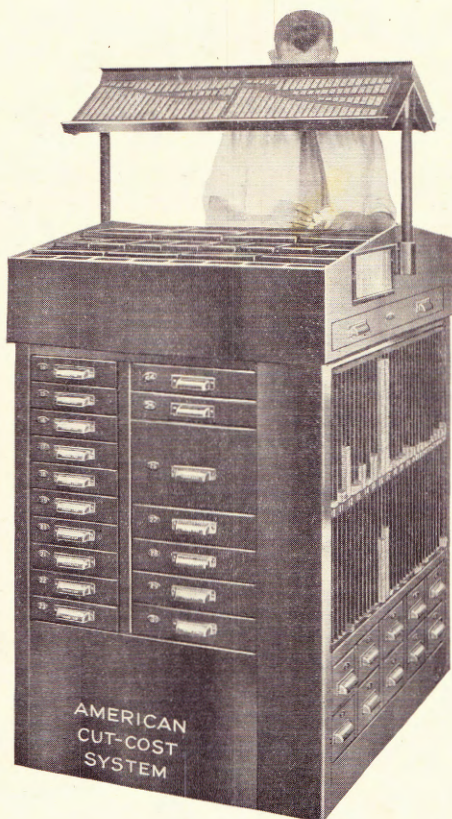


Fig. 49—Another view of Cost-Cut Justifying Materials Cabinet, showing drawers for auxiliaries, etc.

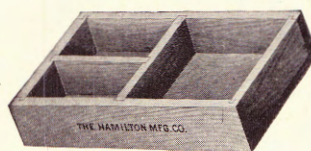


Fig. 50—Leader Box No. 3185, which may be used in drawers Nos. 27 to 30.

AMERICAN CUT-COST WORK BENCH AND JUSTIFYING MATERIALS CABINET

No. 531 (IN STEEL); No. 9070 (IN WOOD)

This cabinet is designed for use in plants employing about five compositors. Larger plants and plants expecting to expand are recommended to use our Cut-Cost Justifying Materials Cabinet and

our Cut-Cost Work Bench and Auxiliary Cabinet, as shown on page 1036.

When Buying This You Buy Five Pieces in One. This is a concentration of five necessary pieces in one construction. Even in a small printshop there is a great advantage in such a concentration. The top (work bench) is detachable, and as a plant develops the top of Cut-Cost Justifying Materials Cabinet (page 1038) may be substituted, and a Cut-Cost Work Bench (page 1035) added. This cabinet, occupying about the same floor space as a single-tier 24-case type cabinet, functions as follows:

1. **It is a Work Bench** (see O on picture on opposite page), with a working area of 26x38 in., holding comfortably a rule cutter and a mitering machine, with ample room for two men to work simultaneously. Rule cutter and mitering machine are extras.

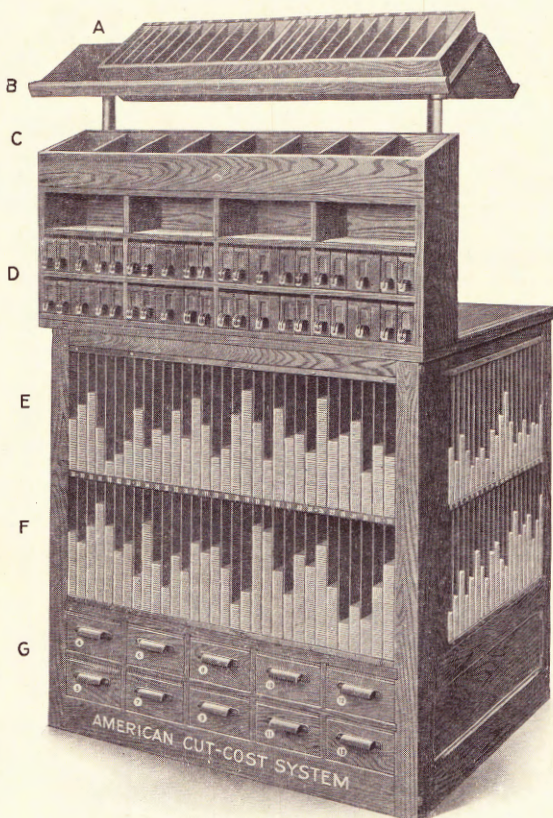
2. **It is a Lead and Slug Rack** (see A and E and F), holding 1465 lbs. of leads and slugs from 4 to 9½ picas by ens and from 10 to 50 picas by ems. Each compartment in rack is 10½ in. high, and 4 compartments each are allotted to lengths from 10 to 20 picas inclusive. Compartments in lead bank (A) on overhead bank (B) are double depth, each 7 in. long. Strip leads and rules have places in two drawers (Nos. 24 and 25) at K in picture on opposite page.

3. **It is a Space and Quad Cabinet.** At C are 8 large bins for holding 8 sizes of quads. At D steel boxes (figs. 52, 53) are provided, filling 8 compartments,

Fig. 51—Cut-Cost Cabinet, No. 9070 (in Wood); No. 531 (in Steel). On this side it is a Justifying Materials Cabinet. See opposite page for view of Work Bench and specifications. The lead and slug bank on auxiliary top and the steel sort boxes shown in the cut are included in the price of cabinet. The picture shows wood construction. All drawers are numbered to facilitate indexing.

each set of 5 boxes holding em and en quads and thick and thin spaces of one body. Above the steel boxes are 4 empty compartments in which additional steel boxes may be placed, to accommodate 4 other sizes of spaces and quads. Spaces and quads may also be stored in any or all of the 10 full length drawers at G, the capacity of each drawer being 80 lbs. These drawers have movable partitions and the steel boxes have label holders and pulls.

4. **It is a Sort Cabinet.** At G are 10 full length drawers (fig. 46, page 1037), each with movable partitions, capacity of the 10 drawers being 800 lbs. These drawers are available for sorts of all kinds, leads, slugs or spaces and quads. At K are 2 drawers, divided longitudinally to carry full length strips of leads and brass rules, keeping all on their edges. At L is 1 large drawer (No. 26) with 5 compartments, for holding quotation quads, capacity approximately 225 lbs. Drawer No.



26 may also be used for storing spaces and quads. At M are 4 drawers (fig. 56), each to hold 6 individual leader boxes, capacity of all about 120 lbs. Leader boxes are extra, if required.

5. It is a Quarter Case Cabinet. At N there are 10 drawers (figs. 54 and 55), each made to hold 1 each quarter size and eighth size case, for carrying brass rule, special figures, fractions, signs, borders, circles, ovals, initial letters and other auxiliary material. At H, on the auxiliary bank, there is room for 2 quarter size brass rule cases, Nos. 3015 and 3020. Quarter and eighth size cases are extra.

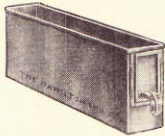


Fig. 52—No. 3452, Steel Sort Box; 32 of these furnished with cabinet.

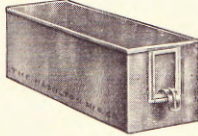


Fig. 53—No. 3454, Steel Sort Box; 8 of these furnished with cabinet.

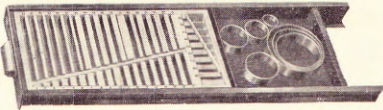


Fig. 54—There are 10 of these drawers in Cabinets Nos. 9070 and 531. Each drawer will hold 1 each quarter size and eighth size case. Or may be used without cases, to carry brass circles, ovals, etc. Cases are extra.

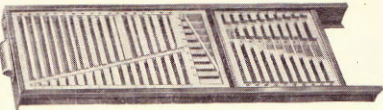


Fig. 55—One of 10 drawers described above, and supplied with cabinet, but without cases.

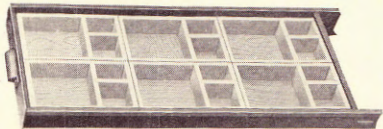


Fig. 56—There are 4 drawers, each to hold 6 No. 3185 Leader Boxes. Leader boxes are extra.

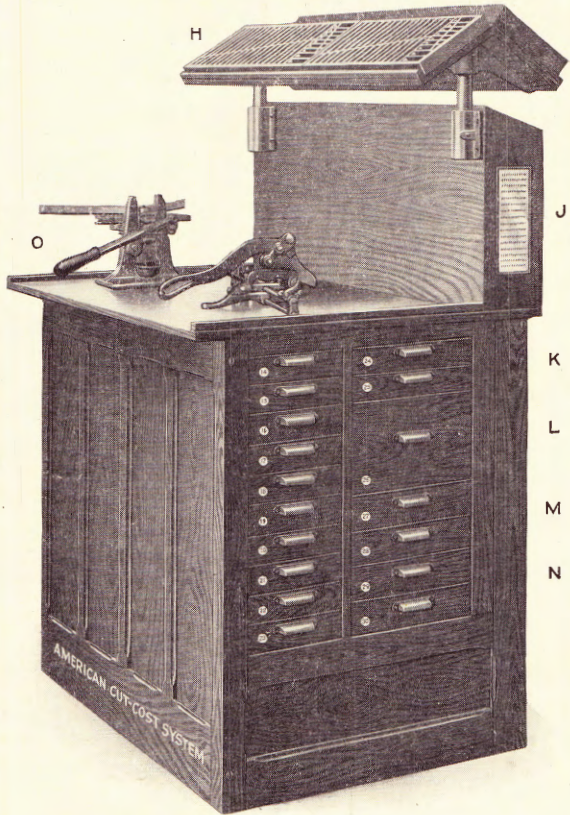


Fig. 57—Cut-Cost Cabinet, No. 9070 (in Wood); No. 531 (in Steel). On this side is a Work Bench. See opposite page for view of Justifying Materials Cabinet. Specifications below. Rule cases and rule cutter and mitering machine, shown in picture, are extras. The picture shows wood construction. All drawers are numbered to facilitate indexing. At J is a contents card holder, in which contents of each drawer may be indexed.

SPECIFICATIONS OF CUT-COST WORK BENCH AND JUSTIFYING MATERIALS CABINETS

Steel Construction

No. 531—American Cut-Cost Work Bench and Justifying Materials Cabinet, with 32 No. 3452 and 8 No. 3454 steel sort boxes, with a movable double depth lead and slug bank (fig. 51) on the overhead bank for short length (4 to 9½ picas) leads and slugs, but not including any quarter or eighth size cases or leader boxes or rule and lead cutter or mitering machine; floor area, 28½x37 in.; height to work bench, 36 in.; height over all, 61 in.; Approx. shipping weight, 925 lbs., shipped in 2 crates. Code word: UPTURNED.

Wood Construction

No. 9070—American Cut-Cost Work Bench and Justifying Materials Cabinet, with 32 No. 3452 and 8 No. 3454 steel sort boxes; with a movable double depth lead and slug bank (fig. 51) for short length (4 to 9½ picas) leads

and slugs; but not including any quarter or eighth size cases or leader boxes or rule and lead cutter or mitering machine; floor area, 29x37 in.; space over all, 33x38½ in.; height to work bench, 36 in.; height over all, 61 in.; Approx. shipping weight, 625 lbs., shipped in 2 crates. Code word: WALLRUE.

Extras for Cabinets Nos. 531 and 9070

No. 3185—Leader Box (fig. 50), 8x5x1¼ in., for drawers 27-30; capacity, 5 lbs.; weight, 6 oz.

No. 3452—Steel Sort Box (fig. 52), additional to those supplied with cabinets, 1½x6x3 in.; capacity, 2 lbs. 10 oz.; weight, 5½ oz.

No. 3454—Steel Sort Box (fig. 53), additional to those supplied with cabinets, 3x6x3 in.; capacity, 5 lbs. 4 oz.; weight, 7½ oz.

For quarter and eighth size cases, see page 1032.

GREAT ECONOMIES OF THE CUT-COST SYSTEM OF GALLEY STORAGE OF LIVE JOBS

Letterboards are Time-Wasters. The practice of storing live jobs and pages on letterboards is one of the chief causes of lost time in composing rooms. No one knows where to find such a job when it is wanted. Time is wasted in searching. When the job is found, it has usually been pushed to the rear of the board by other jobs, and more time is wasted in shunting it from behind. After pulling out several heavy letterboards the compositor returns to his productive work with wasted energy and in a state of discouragement. This practice is no less foolish than that of throwing a firm's correspondence into a box, and hunting through the box every time a letter has to be found.

Every Live Job and Page should be Found Instantly, when wanted. In the Cut-Cost

System every live job and page, after proofing, is kept on its galley and placed on a numbered shelf in a Cut-Cost Imposing Table (fig. 62, p. 1044) or in a Unit Galley Cabinet (fig. 60, p. 1043). The number of the shelf is penciled on the proof, and the job is instantly found for correction. The same process of proofing and numbering and finding is followed with each revise, until, with the final revise proof in hand, the stoneman gets instant possession of the job, no questions asked, no time lost. Those using this system save time on every job and page they handle. The system is now in general use. In one Cut-Cost composing room there are 11,826 pressed steel galleys in use, and 11,826 numbered places in which to put them.

Steel Galleys are Used in this System. Our Pressed Steel Galleys are made with such accuracy that jobs may be set and pages made up on them, yet they are cheap enough to be used for storing live jobs and pages. *From the time the job is started until it is locked in a chase it should not leave the galley.* There was a time when any cheap, roughly made galley would serve well enough for storage purposes, but that these galleys were not economical in use is proved by the fact that hundreds of thousands of them have been scrapped, so that they are no longer listed by reputable dealers.



Fig. 58—Pressed Steel Galley; accurate enough to use in setting, cheap enough to use for storage purposes.

CUT-COST STEEL DUMPING AND STORAGE TABLES

No. 779; MADE IN STEEL ONLY, TO ORDER

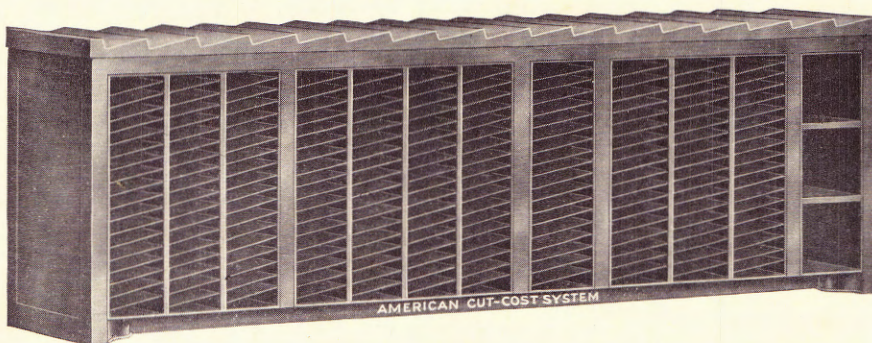


Fig. 59—*Made to order only*, in lengths of 5, 6, 7 and 8 ft., with any arrangement of the galley shelves. Table here illustrated has a floor area of 28x95½ in. and is 38¼ in. high. It is arranged for 119 single, 51 double and 17 triple column galleys, each 23½ in. long; all galley shelves are numbered. At the end are 3 bins for holding empty galleys. Back of table may be made closed or open. Galley units in great variety, ends, rails and tops are kept in stock at factory. For specifications see foot of opposite page.

UNIT GALLEY CABINETS OF CUT-COST SYSTEM

MADE IN SEVEN UNITS IN BOTH STEEL AND WOOD

The high efficiency of the Unit Galley Cabinets for live matter storage is explained on the opposite page. Each unit holds 100 pressed steel galleys (except one, which holds 50) on steel runs (no shelves). Units are all 38½ in. in height, and may be stacked two cabinets high where floor space needs to be conserved.

The galley runs are numbered 1 to 100. When two or more cabinets are in use, the numbers are differentiated by means of symbol letters attached to the cabinets and proofs are numbered thus: A1-A100, B1-B100, and so on. Galleys are not and do not need to be numbered.

Though shown in the illustration, galleys are not included with cabinets. These cabinets are superior in workmanship and material, staunch and durable. In steel, the finish is olive green; in hardwood, antique finish.

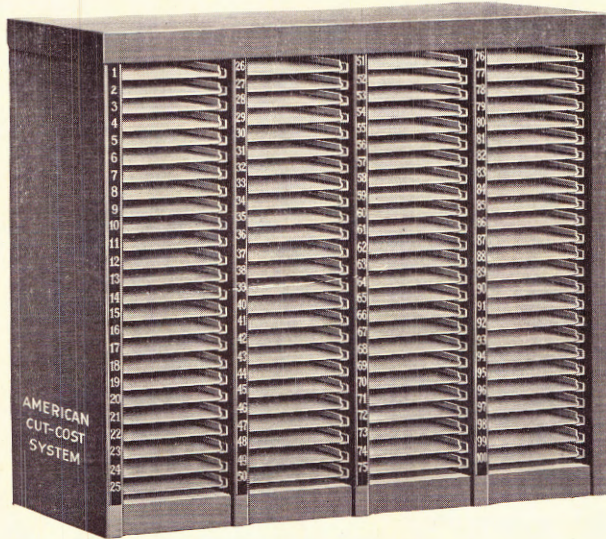


Fig. 60—Unit Galley Cabinet No. 13540, holding 100 pressed steel galleys, 8¾x13 in. inside. Galleys are extra.

SPECIFICATIONS OF UNIT GALLEY CABINETS, WOOD CONSTRUCTION

No.	Galley Capacity	Size of Galleys Inside, Inches	Floor Space, Over All, Inches	Height, Inches	Approximate Shipping Weight, Lbs.	No. of Tiers
3538	50	8¾x13	23 x15½	38½	150	2
3540	100	8¾x13	43¾x15½	38½	225	4
3541	100	10 x16	48¾x17¾	38½	300	4
3542	100	12 x18	56¾x19¾	38½	350	4
3544	100	3½x23¼	22¾x25½	38½	200	4
3545	100	6¼x23¼	33¾x25½	38½	260	4
3565	100	8½x23¼	42¾x25½	38½	325	4

SPECIFICATIONS OF UNIT GALLEY CABINETS, STEEL CONSTRUCTION

No.	Galley Capacity	Size of Galleys Inside, Inches	Floor Space, Over All, Inches	Height, Inches	Approximate Shipping Weight, Lbs.	No. of Tiers
13538	50	8¾x13	22¾x14½	38½	200	2
13540	100	8¾x13	44 x14½	38½	285	4
13541	100	10 x16	49¼x17½	38½	330	4
13542	100	12 x18	57 x19½	38½	400	4
13544	100	3½x23¼	23¼x25	38½	350	4
13545	100	6¼x23¼	34 x25	38½	380	4
13565	100	8½x23¼	43 x25	38½	400	4

PARTICULARS OF CUT-COST STEEL DUMPING AND STORAGE TABLE

Shown on opposite page (fig. 59); made to order only

No. 779—Cut-Cost Steel Dumping and Storage Table, fig. 59 on opposite page; floor area, 28x95½ in.; height, 38½ in. Consists of standard steel frame with open back, shelves running clear through; shelves numbered; with standard galley top and standard units (left to right)

Nos. U-8, U-51, U-9, U-51, U-22, U-51, U-17, U-51 and U-39; approx. shipping weight, 1250 lbs. These tables are also furnished 60, 72 and 84 in. wide, to take any width or widths of column galleys. Unit U-51 is the upright support between each galley unit.

AMERICAN CUT-COST IMPOSING TABLES

MADE IN STEEL AND IN WOOD, IN TWO SIZES

The Great Economies of the Cut-Cost System of live job and page storage have made these two sizes of imposing tables our best sellers. *The Cut-Cost System of live matter storage begins with these tables.* All jobs and pages must come eventually to the imposing tables, and there are no good reasons why they should not go there immediately after proofing.

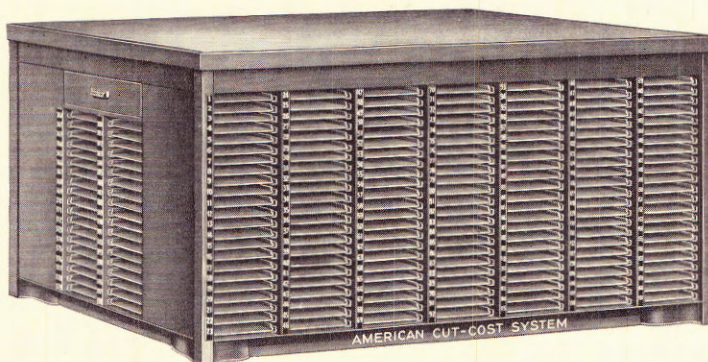


Fig. 61—No. 14020 Cut-Cost Steel Imposing Table, with Iron Surface 51x75 in., to hold 398 8¾x13 in. pressed steel galleys, with 2 large drawers. Galleys are extra.

DIMENSIONS AND CAPACITY OF CUT-COST IMPOSING TABLES

No.	Con- struction	Area of Iron Surface Inches	Area of Marble Surface Inches	Capacity for 8¾x13 inch Galleys	Height Inches	Approx. Shipping Weight, Lbs.		
						Table with *Surface	Table Only	Steel Galleys
4010-A	Wood	39x65	36x62	292	38¼	1250	575	675
4020-A	Wood	51x75	48x72	380	38¼	1650	670	900
14010	Steel	39x65	36x62	306	38¼	1400	720	700
14020	Steel	51x75	48x72	398	38¼	1900	920	925

* When a marble surface is ordered, a wood coffin for it is required and is furnished, unless otherwise ordered. Weights of iron surfaces and marble surfaces with coffins are approximately the same.

Iron or Marble Surfaces. In ordering it is necessary to state whether iron or marble surfaces are required. There is some sacrifice in working area when a marble surface is used, as the marble requires a coffin to protect the edges. In the long run iron surfaces are more economical, and their superiority is unquestioned. When a table is ordered with marble surface, a wooden coffin is furnished and charged for, unless otherwise ordered.

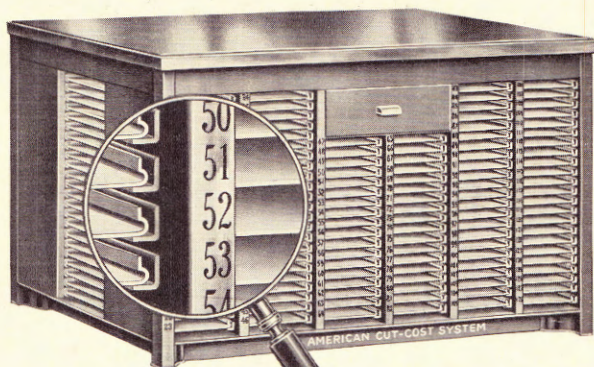


Fig. 62—No. 14010 Cut-Cost Steel Imposing Table, with Iron Surface 39x65 in., to hold 306 pressed steel galleys, with 2 large drawers. Galleys are extra. For specifications see next page.

Galleys. These tables carry (on steel runs—not shelves) only standard pressed steel galleys 8¾x13 in. inside. Tables to take other sizes of pressed steel galleys are made to order.

Numbering. Galley runs are numbered alike on all tables of the same size. When two or more tables are in use, the numbers are differentiated by attaching brass symbol letters to each table, and proofs are numbered thus: A1 and up, B1 and up, and so on. Galleys are

not and do not need to be numbered. Galleys are found quicker by this method than with consecutive numbers, because there is no hunting from one table to other tables.

Drawers and Recessed Frames. These tables each have 2 large drawers. These drawers are for job tickets, gauges, dummies, etc., but not for locking-up materials. The frames are recessed to afford room for the stonemen's toes when working in close to table.

Materials that Should Not be Put Under Imposing Surfaces. Except in small plants, labor-saving reglet and furniture and cuts and live forms should not be kept under the imposing surfaces, because access cannot be had to them by other workmen without interfering with the stoneman. The Cut-Cost System provides better and handier places for these materials.

An Ideal Arrangement of Cut-Cost Imposing Tables is shown on page 1047, in which quoins, tools, labor-saving wood and metal furniture and reglets are concentrated in a position central to four tables, and equally handy to all workmen without interfering with stonemen.

SPECIFICATIONS OF CUT-COST IMPOSING TABLES

State whether iron or marble surface is required

Wood Construction

No. 4010-A—Cut-Cost Imposing Table for iron surface, 39x65 in.; or for marble surface with coffin, 36x62 in.; with 2 drawers; to hold 292 pressed steel galleys, 8¼x13 in. inside; height to top of surface, 38¼ in.; for approx. shipping weights see table on opposite page. *Code words:* Table only, WARSONG; table with iron surface, WARTHOG; table with marble surface and coffin, WARWHOOP.

No. 4020-A—Cut-Cost Imposing Table for iron surface, 51x75 in.; or for marble surface with coffin, 48x72 in.; with 2 drawers; to hold 380 pressed steel galleys, 8¼x13 in. inside; height to top of surface, 38¼ in.; for approx. shipping weights see table on opposite page. *Code words:* Table only, WASHBALLS; table with iron

surface, WASHBOARDS; table with marble surface and coffin, WASHERMAN.

Steel Construction

No. 14010—Cut-Cost Imposing Table (fig. 62) for iron surface, 39x65 in., with 2 drawers; to hold 306 pressed steel galleys, 8¼x13 in. inside; height to top of surface, 38¼ in.; for approx. shipping weights see table on opposite page. *Code words:* Table only, URSIFORM; table with iron surface, URSINE.

No. 14020—Cut-Cost Imposing Table (fig. 61) for iron surface, 51x75 in., with 2 drawers; to hold 398 pressed steel galleys, 8¼x13 in. inside; height to top of surface, 38¼ in.; for approx. shipping weights see table on opposite page. *Code words:* Table only, URNSHAPED; table with iron surface, UROGENITAL.

CUT-COST GALLEY TRANSFER TRUCKS

MADE IN STEEL IN TWO SIZES:
NOS. 13500 AND 13505

For Transferring Live Matter on galleys to and from proof press, make-up banks or imposing tables, saving much travel of men carrying galleys singly. Every separate handling of galleys adds unnecessarily to cost of production.

The printing plant for which these trucks were first designed is now using 180 of them, a striking proof of their efficiency. In that plant these trucks are used for transferring loaded galleys from one floor to another, on an elevator, which demonstrates how well balanced they are, and how safe.

The wheels are placed within the frame to prevent them from injuring other equipments in passing. The rear wheels are extra large, to facilitate steering and turning.

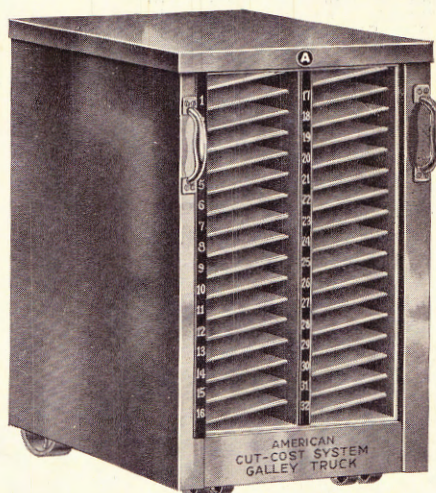


Fig. 63—Cut-Cost Galley Transfer Truck No. 13505, to carry 32 double column galleys. No. 13500, same design, carries 32 8¼x13 in. galleys.

PARTICULARS OF CUT-COST GALLEY TRANSFER TRUCKS

No. 13500—Cut-Cost Galley Transfer Truck, olive green finish, to hold 32 galleys, 8¼x13 in. inside, each shelf numbered, with symbol letter (only if specially ordered); floor area, 25¼x25 in.; height, 32½ in.; approx. shipping weight, 235 lbs. *Code word:* USANCE.

No. 13505—Cut-Cost Galley Transfer Truck (fig. 63), olive green finish, to hold 32 double column galleys, each shelf numbered, with symbol letter (only if specially ordered); floor area, 21¼x25 in.; height, 32½ in.; approx. weight, 250 lbs. *Code word:* USEFUL.

CUT-COST LOCKING-UP MATERIALS CABINET

No. 527 (IN STEEL); No. 9085 (IN WOOD)

Ample Supplies of Locking-Up Materials in the Right Place.

Fig. 65 on opposite page shows the relation of these cabinets to the imposing tables. No materials need be placed under the imposing surfaces. All that space is reserved in the Cut-Cost System for live jobs and pages. In Cut-Cost Locking-up Materials Cabinets the most used materials are accessible to each stoneman without interfering with other men, and with little stooping. On top is a two-sided bank which holds 60 doz. No. 1 quoins; also 2 bins for short lengths of 6 and 12 pt. reglet for placing between quoins and chase to prevent slipping. Remainder of top is a handy and commodious place for carrying benzine cans, mallets, planers, quoin keys, etc. At one end of cabinet is a rack which will hold 930 lbs. of metal furniture or 3517 pieces of iron furniture, as per table below. On each side of cabinet are racks, both sides

alike, for holding fonts of labor-saving wood furniture and reglet, and also a small font of labor-saving leads for stonemen's use. For labor-saving wood furniture there are racks to hold 3760 pieces, from 20 to 160 picas in length, in all regular widths, scientifically assorted, as per table on opposite page. For labor-saving reglet there are racks to hold 4000 pieces of 6 pt. and 2000 pieces of 12 pt., from 10 to 150 picas long, scientifically assorted, as per schedule on opposite page. Materials are not supplied with these cabinets—if needed, they require to be ordered separately.

Assortment of Fonts. Special attention is invited to the superior assortment of lengths in the fonts of furniture and of reglet, details of which are given below and on opposite page. The various sizes are proportioned according to frequency of use, and not (as has been the custom) in equal quantities of the most used and the least used.

CONTENTS CAPACITY OF CUT-COST CABINETS Nos. 527 AND 9085

Labor-Saving Leads, for use in registering. A small font (17 lbs.), 1 pt. and 2 pt., 10 to 49 picas, by ems, which need not be ordered specially.

Scrap Reglet, in two bins, for placing between quoins and chase.

Other Materials, as shown in fig. 64, on top of cabinet, as follows:

QUOINS: 60 dozen No. 1.

TOOLS: Mallets, quoin keys, planers, benzine cans, brushes, etc.

Labor-Saving Metal or Iron Furniture, as in following table:

Length, Picas		6	8	10	15	20	25	30	40	50	
Pieces	2-line:	120	120	120	120	120	85	85	60	60	= 890
	3-line:	105	105	105	105	105	75	75	40	40	= 755
	4-line:	75	75	75	75	75	55	55	30	30	= 545
	5-line:	60	60	60	60	60	45	45	24	24	= 438
	6-line:	60	60	60	60	60	45	45	20	20	= 430
	8-line:		45	45	45	45	35	35	15	15	= 280
	10-line:			35	35	35	25	25	12	12	= 179
Total Pieces:		420	465	500	500	500	365	365	201	201	= 3517

Approximate weight of Metal Furniture in above table, 930 lbs. The unit font of Metal Furniture (No. 9085-E) weighs about 150 lbs., six fonts filling the cabinet. Iron Furniture is sold per piece.

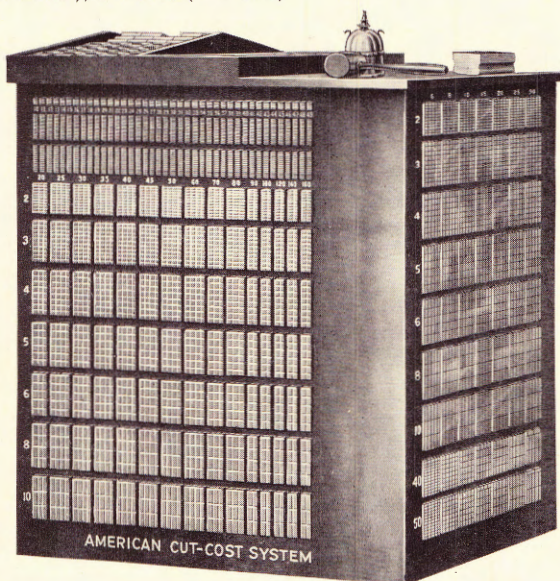


Fig. 64—Front view Cut-Cost Locking-Up Materials Cabinets, No. 527 (in Steel) and No. 9085 (in Wood). On each side, equal fonts of wood furniture and reglet and leads; in front, metal or iron furniture; on top, quoins (on bank), tools, etc. See next page for view of other side and rear.

CONTENTS CAPACITY—Continued

Labor-Saving Wood Furniture, in font to fill cabinet, as in following table:

Length, Picas	20	25	30	35	40	45	50	60	70	80	90	100	120	140	160
Pieces	2-line:	54	72	72	72	72	72	72	54	54	36	36	36	36	36 = 846
	3-line:	48	64	64	64	64	64	64	48	48	32	32	32	32	32 = 752
	4-line:	36	48	48	48	48	48	48	36	36	24	24	24	24	24 = 564
	5-line:	30	40	40	40	40	40	40	30	30	20	20	20	20	20 = 470
	6-line:	30	40	40	40	40	40	40	30	30	20	20	20	20	20 = 470
	8-line:	24	32	32	32	32	32	32	24	24	16	16	16	16	16 = 376
	10-line:	18	24	24	24	24	24	24	18	18	12	12	12	12	12 = 282
Total Number of Pieces of Wood Furniture															3760

Half Fonts of Labor-Saving Wood Furniture and Reglet are sold for these cabinets.

Labor-Saving Reglet, nonpareil and pica, in fonts to fill cabinet, as follows:

NONPAREIL: 76 pieces each length from 10 to 49 picas, graduated by ems, and 46 pieces each length from 50 to 150 picas, graduated by five pica ems; 4006 pieces in all.

PICA: 38 pieces each length from 10 to 49 picas, graduated by ems, and 23 pieces each length from 50 to 150 picas, graduated by five pica ems; 2003 pieces in all.

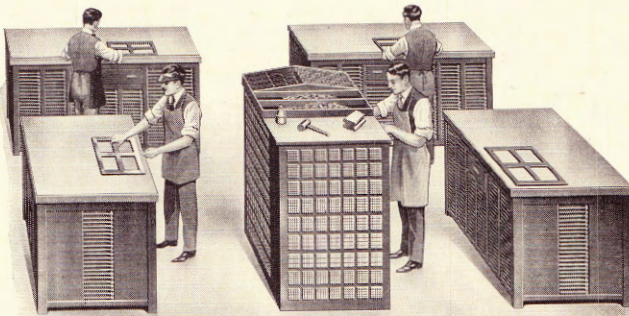


Fig. 65—An ideal arrangement of the Cut-Cost Locking-Up Materials Cabinet, holding ample supplies for four Cut-Cost Imposing Tables. For two imposing tables half fonts of wood furniture and reglet will suffice, and unit fonts (150 lbs.) of metal furniture may be bought, leaving room in racks for expansion of the fonts, as required.

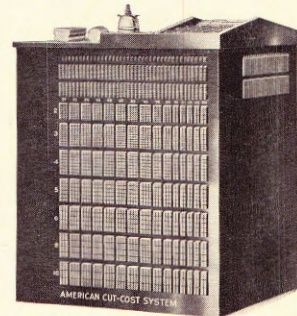


Fig. 66—Rear view of Cut-Cost Locking-Up Materials Cabinets, No. 527 (in Steel) and No. 9085 (in Wood). The longer lengths of reglet are in rear end. The wood furniture and reglet, etc., shown in this view are duplicated on the other side.

Do not Under-Buy Storage Capacity. Better a roomy cabinet half filled than a smaller cabinet crowded, especially in a growing plant. Extra space is immediately available for sorts.

SPECIFICATIONS OF LOCKING-UP MATERIALS CABINETS NOS. 527 AND 9085

Steel Construction

No. 527—Cut-Cost Locking-Up Materials Cabinet, olive green finish (fig. 64); floor area, 32x46 in.; height, 55 in.; approx. shipping weight, 1000 lbs. Contents are extra. *Code word:* UPSTART.

Wood Construction

No. 9085—Cut-Cost Locking-Up Materials Cabinet, antique finish; floor area, 33x49 in.; height, 56 in.; approx. shipping weight, 700 lbs. Contents are extra. *Code word:* WALTZED.

FONTS SUPPLIED FOR CUT-COST CABINETS NOS. 527 AND 9085

No. 9085-A—Full Font Labor-Saving Wood Furniture, 3760 pieces, as per table above; approx. shipping weight, 550 lbs. *Code word:* WAMPUM.

No. 9085-B—Half Font Labor-Saving Wood Furniture, 1880 pieces, as per table above; approx. shipping weight, 275 lbs. *Code word:* WANDERERS.

No. 9085-C—Full Font Labor-Saving Reglet, 4000 pieces 6 pt. and 2000 pieces 12 pt., from 10 to 49 picas, graduated by ems, and from 50 to 150 picas, graduated by 5 picas; approx. shipping weight, 200 lbs. *Code word:* WANDERINGS.

No. 9085-D—Half Font Labor-Saving Reglet, 2000 pieces 6 pt. and 1000 pieces 12 pt., from 10 to 49 picas, graduated by ems, and from 50 to 150 picas, graduated by 5 picas; approx. shipping weight, 100 lbs. *Code word:* WANDEROO.

No. 9085-E—Unit Font Labor-Saving Metal Furniture, approx. weight 150 lbs., six of which will fill metal furniture section. *Code word:* WARDROBE.

No. 9085-F—Full Font Iron Furniture, as per table on opposite page, 3517 pieces. *Code word:* WARDROOM.

No. 9085-G—Half Font Iron Furniture, half quantities in No. 9085-F, 1759 pieces. *Code word:* WARDSHIP.

CUT-COST LOCKING-UP MATERIALS CABINETS

No. 526 (IN STEEL); No. 9080 (IN WOOD)

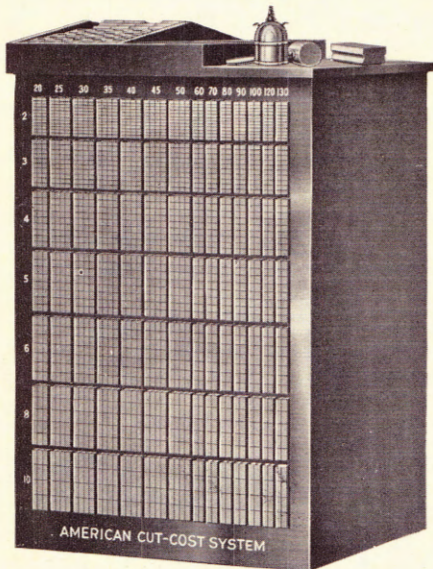


Fig. 67—On this side of Cut-Cost Locking-Up Materials Cabinets, Nos. 526 and 9080, is a rack to hold labor-saving wood furniture, as per table on opposite page. On top is a two-sided bank for holding quoins and two open bins for holding scrap reglet for placing between quoins and chase. Tools in constant use find a handy place on remainder of the top surface. For view of other side see next page.

inets. These cabinets hold a font, No. 9080-B, of 4536 pieces, as per table on opposite page, two-thirds 6 pt. and one-third 12 pt., every length by picas from 10 to 51 picas. Of the lengths 10 to 15 picas these cabinets hold 72 pieces each; of lengths 16 to 21, 90 pieces each; of lengths 22 to 27, 108 pieces each; of lengths 28 to 51 picas, 120 pieces each. The usual assortment of reglet fonts containing about 4000 pieces is 100 pieces of each length, half 6 pt., half 12 pt., which is not nearly so efficient. In reglet the shorter lengths are the least used, and 6 pt. is more useful than 12 pt.

Metal or Iron Furniture. These cabinets hold 2053 pieces of metal or iron furniture, assorted in a common-sense way, as per table on opposite page. Some users of these cabinets may not need 2053 pieces, nevertheless it is better to have a rack with excess capacity, which will take care of

extra pieces which may be required from time to time. It is a mistake to under-buy storage capacity.

Saving of Floor Space, with Greater Convenience. Three separate old-fashioned equipments, holding wood and metal furniture and reglets respectively, but in less quantities, occupy a floor space of 1625 sq. in., while this smallest of Cut-Cost Locking-Up Materials Cabinets occupies a floor space of only 950 sq. in., as shown in fig. 68 at left, illustrating the superior convenience of assembling these related materials in one compact cabinet, placed in a position most convenient for the stonemen.

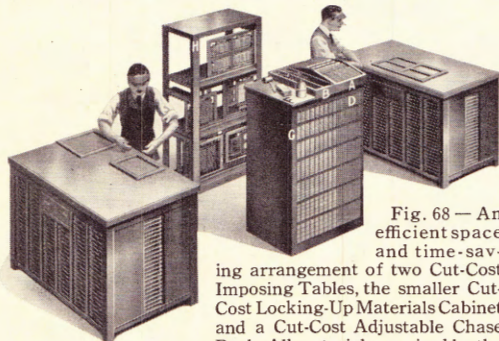


Fig. 68—An efficient space and time-saving arrangement of two Cut-Cost Imposing Tables, the smaller Cut-Cost Locking-Up Materials Cabinet and a Cut-Cost Adjustable Chase Rack. All materials required by the stonemen and the live jobs (on galleys under the surfaces) concentrated in the least possible space.

CONTENTS CAPACITY OF CABINETS Nos. 526 AND 9080

Quoins. On the top, a two-sided bank holds 60 dozen No. 1 quoins.

Scrap Reglet. Bins (2) hold on top, next to quoins, short lengths of 6 and 12 pt. scrap reglet, to put between quoins and chase.

Tools. The flat top is a convenient place for mallets, planers, benzine cans, quoin keys, brushes, etc.

Wood Furniture (fig. 67, opposite page). Cabinet holds the following common-sense assortment of 2255 pieces, all bodies and lengths, from 20 to 135 picas inclusive:

Length . . .		20	25	30	35	40	45	50	60	70	80	90	100	120	135	
Pieces	2-line:	36	48	48	48	48	48	48	24	24	24	24	24	24	24	492
	3-line:	30	40	40	40	40	40	40	20	20	20	20	20	20	20	410
	4-line:	27	36	36	36	36	36	36	18	18	18	18	18	18	18	369
	5-line:	24	32	32	32	32	32	32	16	16	16	16	16	16	16	328
	6-line:	21	28	28	28	28	28	28	14	14	14	14	14	14	14	287
	8-line:	15	20	20	20	20	20	20	10	10	10	10	10	10	10	205
	10-line:	12	16	16	16	16	16	16	8	8	8	8	8	8	8	164
Total Number of Pieces															2255	

Labor-Saving Reglet (fig. 69). Cabinet holds the following common-sense assortment of Nonpareil Reglet, 3024 pieces, and Pica Reglet, 1512 pieces—4536 pieces in all:

NONPAREIL, Length, picas . .		10	11	12	13	14	15	
Pieces		48	48	48	48	48	48	
16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31		
60	60	60	60	60	60	72	72	72
72	72	72	72	72	72	80	80	80
80	80	84	84	84	84	84	80	80
80	80	80	80	80	80	80	80	80
48	49	50	51	PICA: Half the number of pieces				
80	80	80	80	shown in this table.				

Metal or Iron Furniture (fig. 69). Cabinet holds the following common-sense assortment—2053 pieces weighing 560 lbs.:

Length, picas		6	8	10	15	20	25	30	40	50	
Pieces	2-line:	66	66	66	66	36	36	36	36	36	444
	3-line:	57	57	57	57	30	30	30	30	30	378
	4-line:	51	51	51	51	27	27	27	27	27	339
	5-line:	46	46	46	46	24	24	24	24	24	304
	6-line:	39	39	39	39	21	21	21	21	21	261
	8-line:	27	27	27	27	15	15	15	15	15	183
	10-line:	21	21	21	21	12	12	12	12	12	144
Total Number of Pieces											2053

Unit Font (No. 9080-C) Metal Furniture weighs 187 lbs. approx. Iron Furniture is sold by the piece.

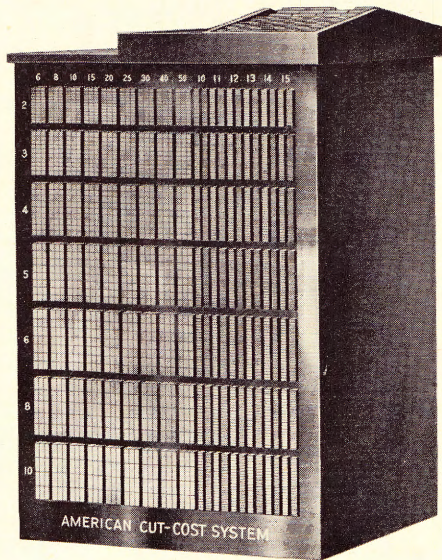


Fig. 69—On this side of Cut-Cost Cabinets No. 526 (in Steel) and No. 9080 (in Wood) are two racks—one (on left) for metal or iron furniture, as per table on this page, and the other for labor-saving 6 and 12 pt. reglet, as per table on this page. For view of other side of this cabinet see opposite page. The larger cabinets are preferable for large plants.

SPECIFICATIONS FOR LOCKING-UP MATERIALS CABINETS Nos. 526 AND 9080

Steel Construction

No. 526—Cut-Cost Locking-Up Materials Cabinet (figs. 67 and 69), olive green finish, sold with or without contents; floor area, 26x36½ in.; height, 58 in. over all; approx. shipping weight (cabinet only), 860 lbs. *Code word* (cabinet only): UPSPURNER.

Wood Construction

No. 9080—Cut-Cost Locking-Up Materials Cabinet, antique finish, sold with or without contents; floor area, 25x36 in.; height, 58 in. over all; approx. shipping weight (for cabinet only), 350 lbs. *Code word* (cabinet only): WALNUT.

SPECIFICATIONS OF CONTENTS OF CABINETS Nos. 526 AND 9080

No. 9080-A—Labor-Saving Wood Furniture to fill Cabinet No. 526 or 9080, as per table above. *Code word*: WALLSIDED.

No. 9080-B—Labor-Saving Reglet to fill Cabinet No. 526 or 9080, 6 and 12 pt., as per table above; approx. shipping weight, 100 lbs. *Code word*: WALTRON.

No. 9080-C—Unit font of Labor-Saving Metal Furniture, 684 pieces; approx. weight, 187 lbs.; three unit fonts fill the metal furniture section of the cabinet (fig. 69).

Iron Furniture. This is sold per piece, as required—not in regular fonts.

CUT-COST MAMMOTH IRON FURNITURE CABINET

No. 13655; MADE IN STEEL

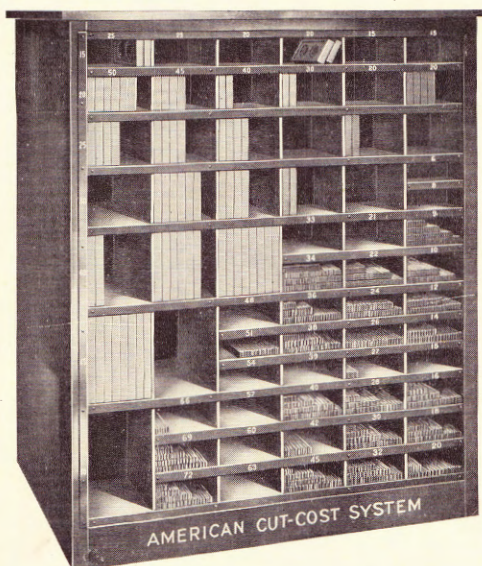


Fig. 70—Rear view of Cut-Cost Mammoth Iron Furniture Cabinet No. 13655, showing compartments for all sizes and bodies of steel interlocking furniture also.

will ordinarily require. We did at one time make a similar cabinet half the size of No. 13655, but found the cost of making each of them almost the same, while, on the other hand, those using the smaller cabinet could not expand their fonts. The larger cabinet proved to be the most economical for ambitious small plants as well as for the larger plants. Both kinds of furniture may be purchased by the piece, as well as in fonts, which is a great convenience for the smaller plants. When such purchases are made the surplus space in No. 13655 is desirable. Perhaps no mistake is oftener made

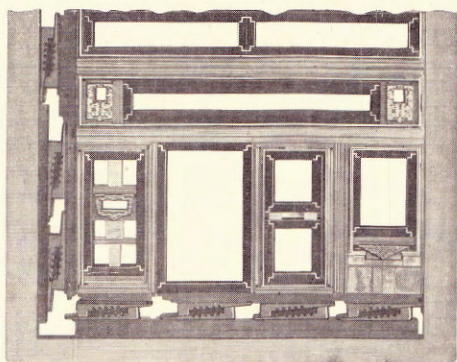


Fig. 72—Illustrates the uses and advantages of steel interlocking furniture, the most economical for filling all spaces inside forms.

Mammoth Iron Furniture and Steel Interlocking Furniture effectively supplement each other, and not only cost much less than metal furniture per area covered, but excel in accuracy, security and durability.

Economy of Floor Space gives Easier Accessibility. This cabinet holds the largest font of mammoth iron furniture in a floor space of $26\frac{1}{4} \times 38$ in., while the triangular shaped rack usually sold to hold the same size font (No. 4) occupies a floor space of $21\frac{3}{4} \times 39$ in., without any space for steel interlocking furniture, every size and length of which is carried in this Cut-Cost cabinet in more than ample quantities as shown in fig. 70. Placed near the stonemen, the top of this cabinet affords a convenient place on which to stack plates, bases and other materials about to be used by them, while the triangular construction, running to a peak only 4 in. deep, affords no place for storage. *In printing plants when space is saved time is saved.*

Give Yourself Room to Grow. Filled to capacity, this cabinet easily holds more furniture than small and medium sized plants

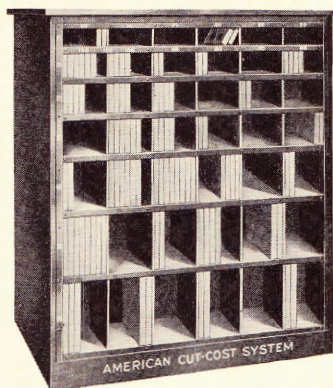


Fig. 71—Front view of Cut-Cost Mammoth Iron Furniture Cabinet.

SPECIFICATIONS OF CUT-COST MAMMOTH IRON FURNITURE CABINET

No. 13655—Cut-Cost Mammoth Iron Furniture Cabinet, made in steel, to hold No. 4 font of mammoth iron furniture (which covers an area of 230 sq. ft.), and also the largest fonts of steel interlocking furniture (fig. 72) 6 to 72 picas long on four bodies; floor area, $26\frac{1}{4} \times 38$ in.; height, 52 in.; approx. shipping weight, 550 lbs. *Code word: UTOPIAN.*

For particulars of the Mammoth Iron Furniture and Interlocking Steel Furniture, see index to this catalogue.

AN AMERICAN CUT-COST PROOFING OUTFIT

No. 970—CUT-COST PROOF PAPER CABINET; IN STEEL ONLY

No. 973—CUT-COST INKING CABINET; IN STEEL ONLY

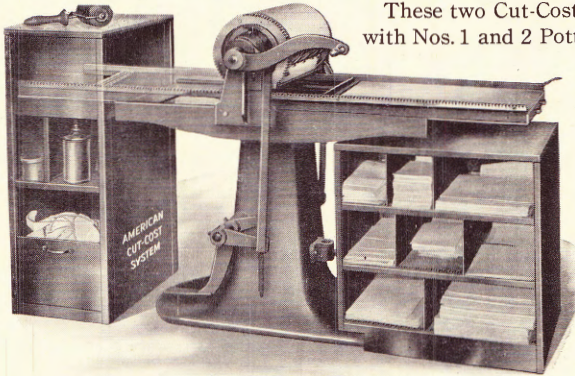


Fig. 73—Shows Cut-Cost Inking Cabinet and Cut-Cost Proof Paper Cabinet, used in combination with Potter Proof Press, No. 1 or No. 2, both occupying no more floor space than the press itself.

These two Cut-Cost cabinets are made specially to work with Nos. 1 and 2 Potter Proof Presses, but each has merit enough to be bought for use with other proof presses.

The Inking Cabinet No. 973

(fig. 74) has a marble ink slab, $14\frac{1}{2}$ x $22\frac{1}{2}$ in., and a bracket on which to hang a proof roller. When a Potter Proof Press is in action, one end of it runs into the recess in the Inking Cabinet under the ink slab, as shown in fig. 73. This recess is a convenient place in which to keep the cleaning rags that are in use. There are compartments for holding an ink can and a benzine can. There is a compartment for carrying a supply of clean rags. An examination of fig.

73 will show that this cabinet does not occupy any floor space that the press itself does not occupy when extended in either direction.

The Proof Paper Cabinet (fig. 75) is made to fit under the frame of either a No. 1 or No. 2 Potter Proof Press. An examination of fig. 73 will show that it does not occupy any floor space that the press itself does not occupy when extended in either direction. This cabinet is 21x25 in. over all, and is $26\frac{1}{2}$ in. high. The upright partitions are adjustable. The longest sheet of paper taken is $23\frac{1}{2}$ in.

Protection to Workmen. These cabinets serve to protect workmen from injury, as they prevent them from being hit by the return of the bed of the press—a not uncommon accident when men encroach on the temporarily unoccupied floor space at the time an impression is taken.

SPECIFICATIONS

No. 970—Cut-Cost Proof Paper Cabinet, fig. 75, olive green finish; floor area, 21x25 in.; height, $26\frac{1}{2}$ in.; approx. shipping weight, 100 lbs. *Code word:* USURPINGLY.

No. 973—Cut-Cost Inking Cabinet, fig. 74, olive green finish; roller and benzine can not included; floor area, 15×23 in.; height, 40 in.; approx. shipping weight, 110 lbs. *Code word:* UTILIZING.



Fig. 74—Cut-Cost Inking Cabinet No. 973. For its relation to the Potter Proof Press see fig. 73.



Fig. 75—Cut-Cost Proof Paper Cabinet No. 970, with partitions adjustable laterally. For its relation to Potter Proof Press examine fig. 73, above.

THE ECONOMY OF GOOD PROOFS

One of the most important economies of recent years results from the use of improved proof presses that will give a clean, sharp impression. The best of these improved proof presses are shown elsewhere in this catalogue: the Brower Proof Presses, Poco Proof Presses and other sizes of the Potter Proof Presses. Whatever kind of press is used, its efficiency is increased by having within arm's reach of the operator the various sizes of proof paper in use, the inking roller, ink, benzine and rags. Every minute saved helps to reduce the cost of production. The two cabinets described above will save a great deal of time in a busy plant.

CUT-COST STEEL ADJUSTABLE CHASE RACK

No. 466; MADE IN STEEL ONLY

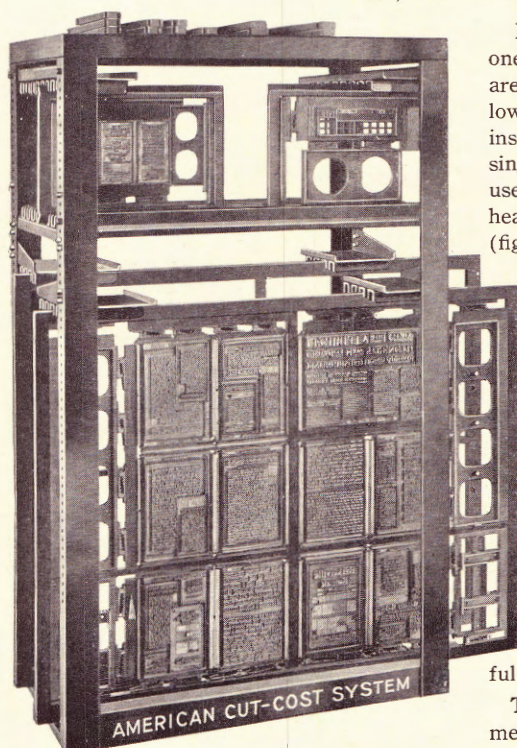


Fig. 76—Shows No. 466 Cut-Cost Chase Rack adjusted to carry 16 job and 8 book chases in two tiers. Note that each chase is held securely on both sides, making it impossible to rub one form against another.

(which forms the base) and the movable top guide (fig. 79) is 56¼ in. This rack will, therefore, accommodate the largest chase now made, which is 51x74 in. over all, as illustrated in figs. 77 and 82. Adjustments for chases less than 56 in. high are made by means of platforms and top guides, engaging in bolt holes (spaced ¾ in. apart) in both front and rear of rack, so that every size of chase made can be accommodated. By using Half-Length Top Guides (fig. 80) as few as 4 chases of one size may be accommodated, as illustrated in fig. 77.

Extra Platforms and the Top Guides. As it is impossible to foresee the requirements of a purchaser, the unit rack No. 466, as sold, consists of only the frame with the channeled base platform and steel top built in,

Built on Unit Principle. Fig. 76 shows one Cut-Cost Adjustable Chase Rack, floor area 20x36 in., height 63 in., and fig. 77, below, shows this single rack as a unit in an installation of 4 Cut-Cost chase racks. Each single rack stands rigidly and securely when used alone. Each rack is built with a frame of heavy angle iron, with platforms and guides (figs. 78, 79 and 80) and a top of heavy steel; a practically indestructible construction.

The Safety Feature is Unique. As forms are held securely in these racks on both sides of the chase, it is impossible for one to rub against and injure another. Those who have had to replace expensive cuts, damaged by rubbing, will appreciate this Cut-Cost feature.

Economy of Space. The floor area occupied by forms in racks is to an extent determined by the lengths of the chases; but these Cut-Cost racks save floor space in two ways: first, by carrying forms in two or three tiers, and, secondly, by making the steel top useful for other storage purposes.

The Adjustable Feature is Unique. The method of adjusting is shown at a glance in fig. 77, which clearly demonstrates the superiority of this rack. The maximum height between the steel channeled base platform

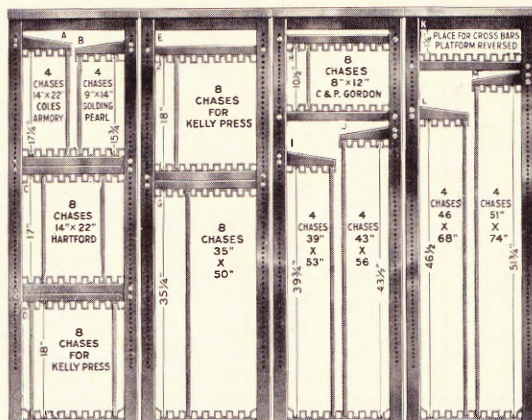


Fig. 77—A Cut-Cost Chase Rack installation of 4 units, 80 in. wide and 63 in. high, accommodating 104 chases of 10 different sizes—64 chases in front and 40 in rear, as shown in fig. 82, opposite. This is by no means the limit of the remarkable flexibility of these Cut-Cost racks. Note that the steel top, 80x36 in. in area, is available for storage purposes.

together with 2 No. 466-B Top Guides (fig. 79), accommodating only 8 large or 16 small chases, the latter back to back. Therefore, extra platforms and top guides require to be ordered separately as needed. Chases that project beyond the frame, as in fig. 76, should be held by top guides in front and in rear of frame; short chases need only one top guide.

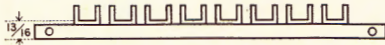


Fig. 78—Extra Platform No. 466-A; one required for each extra tier.



Fig. 79—Extra Top Guide No. 466-B.



Fig. 80—Extra Half-Length Top Guides, No. 466-D, sold in pairs, 1 each right and left.

For each extra tier of chases a No. 466-A Extra Platform is required. Platforms and Top Guides are bolted into the frame, as shown in frontal elevations of figs. 78-80, which also give (as a guide in fitting chases into a rack) the heights of each of these extras. When No. 466-B Top Guides are used, each tier will accommodate 8 or 16 chases of one or two sizes. When 4 No. 466-D Half-Length Top Guides are used, each tier accommodates 8 or 16 chases of four sizes. When 1 No. 466-B Top Guide with 2 No. 466-D Half-Length Top Guides are used, each tier will accommodate three sizes. Half-Length Top Guides require to be ordered in pairs, 1 each right and left.

Another Advantage. Forms carried in Cut-Cost Adjustable Chase Racks are lined up in front and are, therefore, easier to identify than if kept in ordinary racks, in which forms are lined up in the rear.

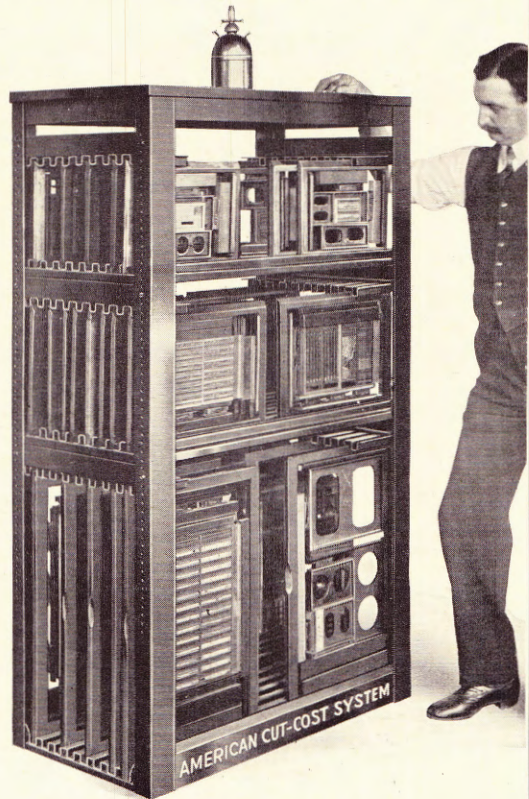


Fig. 81—Shows No. 466 Cut-Cost Chase Rack adjusted to carry 48 job chases in a floor space of 20x36 in. The top is available for storage purposes. While 48 is the maximum number of chases carried, there may be as many as 12 sizes when half-length top guides are used.

SPECIFICATIONS OF CUT-COST STEEL ADJUSTABLE CHASE RACKS

No. 466—American Cut-Cost Steel Adjustable Chase Rack, including built-in base platform, 2 Top Guides (No. 466-B, for use one in front and one in rear) and built-in steel top; floor area, 20x36 in.; height, 63 in.; approx. shipping weight, 300 lbs. *Code word: UPSHOT.* To make a rack available for more than 8 chases of one large size or 16 of two small sizes extra platforms and top guides need to be ordered separately, as required.

No. 466-A—Extra Platform (fig. 78); approx. shipping weight, 75 lbs. *Code word: UPSIDE.*

No. 466-B—Extra Top Guide (fig. 79); approx. shipping weight, 20 lbs. *Code word: UPSKIP.*

No. 466-D—Extra Half-Length Top Guides, sold in pairs (fig. 80), 1 right and 1 left; approx. shipping weight, per pair, 20 lbs. *Code word, per pair: UPSNATCHED.*

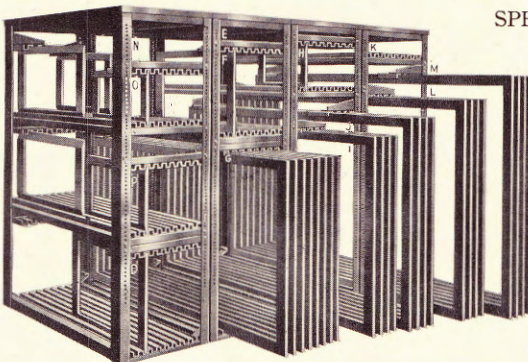


Fig. 82—Rear view of 4 steel Cut-Cost Adjustable Chase Racks, the front view of which is shown in fig. 77, opposite. Adjustments at H, F, O, P and D are holding 40 forms in the rear (all easily reached), while 64 forms are carried in front.

CUT-COST UNIT CUT STORAGE CABINET

No. 968; MADE IN STEEL ONLY

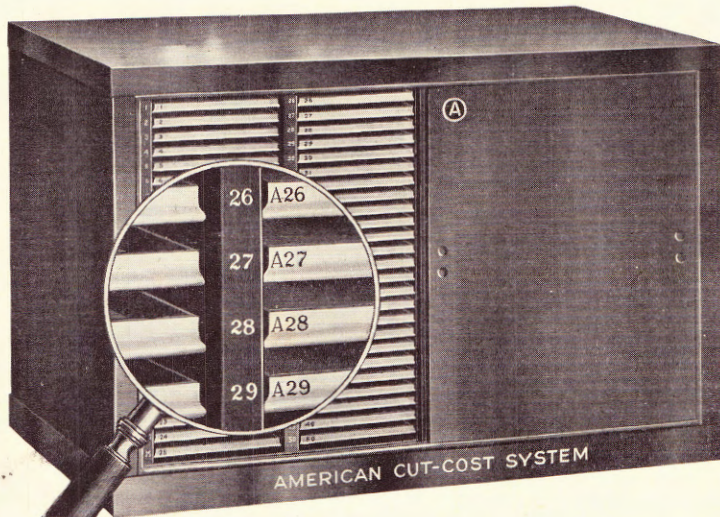


Fig. 83—Steel Cut-Cost Unit Cut Storage Cabinet, the unit of the American Cut-Cost System of Cut Storage. For specifications see below

The novel feature of this cabinet is that the cuts are carried on steel trays, plated to resist rust, each $12\frac{1}{4} \times 18\frac{1}{4}$ in. over all. The startling economies of time and floor space effected through the use of these trays, instead of cases or drawers, are explained on the following pages.

This cabinet has the same capacity as the regular double-tier electrotype cabinet, but occupies less floor area— $21\frac{1}{4} \times 58\frac{1}{4}$ in. as compared with $22\frac{1}{2} \times 70$ in.—and is not so high. It has the further advantage of having sliding doors to exclude dust and moisture, both dangerous to engravings and electrotypes.

While this cabinet is the unit for larger installations as pictured in fig. 84, below, it is also the wisest purchase for small plants that are expected to grow. If only one cabinet is needed to meet immediate demands, have that one right. Buy the cabinet with 25 or 50 Cut Trays, and add other trays as required, thus reducing the initial cost.

Cataloguing and Indexing Cuts. The Cut-Cost System of Cut Storage enables the users to catalogue and index cuts at a negligible cost, as in fig. 90, page 1056.

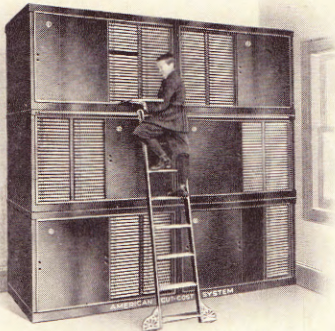


Fig. 84—Six Unit Cut-Cost Storage Cabinets in stacks of three each, upper tier reached by Rolling Ladder. A stack of two tiers does not require ladder. Consider the floor space saved by this arrangement.

SPECIFICATIONS OF CUT-COST CUT STORAGE SYSTEM

No. 968—Steel Cut-Cost Unit Cut Storage Cabinet (fig. 83), each with Symbol Letter and runs numbered 1 to 100 inclusive; olive green finish; floor area, $21\frac{1}{4} \times 58\frac{1}{4}$ in.; height, 40 in.; approx. shipping weight, 435 lbs. *Code word:* USURPATORY. Trays are not included, and need to be ordered separately, as required.

No. 968-A—Cut-Cost Plated Steel Trays (fig. 87), each $12\frac{1}{4} \times 18\frac{1}{4}$ in. over all, including etched Brass No. Plates; depth, $\frac{5}{8}$ in.; weight of each, $3\frac{1}{4}$ lbs. *Code word for 100 Trays, to fill cabinet:* USURPER.

No. 968-B—Cut-Cost Plated Steel Trays, same as above, except depth is $1\frac{1}{8}$ in. and weight of each $3\frac{1}{2}$ lbs. *Code word for 100 Trays, to fill cabinet:* UPSTIR.

No. 968-C—Cut-Cost Loose Leaf Binder (figs. 89 and 90, page 1056) with Index, to take paper $13\frac{3}{4} \times 22$ in. *Code word:* USURPING.

No. 968-D—Cut-Cost Loose Leaf Paper, $13\frac{3}{4} \times 22$ in., punched and slotted, in packages of 250 sheets. *Code word for 1 package:* UPSTAYED.

No. 968-E—Rolling Ladder (fig. 84) with 1 in. round steel track. (Ladder is not required until stack is 3 tiers high.)

AMERICAN CUT-COST SYSTEM OF CUT STORAGE

INCLUDING THE EASIEST AND LEAST EXPENSIVE METHOD
OF CATALOGUING AND INDEXING THE CUTS

The chief factor in the important conveniences and notable economies of time and of floor space which our Cut-Cost System of Cut Storage effects is the use of easily handled, plated Steel Cut Trays, shown in fig. 87, below. Our Cut Tray is $12\frac{1}{4} \times 18\frac{1}{4}$ in. over all, and, when filled with cuts on wood bases, it weighs only 12 lbs.

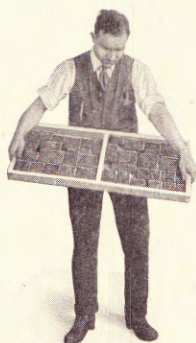


Fig. 85—Showing unhandiness of cut cases.

How Cut-Cost Trays Save Floor Space. Heretofore cuts have been kept in cases or drawers, as shown in fig. 85. It is obvious that such large unhandy cases are impracticable in cabinets any higher than a man can reach with his hands when standing on the floor. When such a case is filled with cuts on wood bases it weighs 22 lbs. No man could ascend a ladder with such a case, when full of cuts. The tallest cabinet made to carry cut cases is only 44 in. high. Such a cabinet, with capacity equal to our Cut-Cost Cut Cabinet, occupies a floor area of $22\frac{1}{2} \times 70$ in., and all the space above it is wasted, usually. Contrast these limitations with the fact that by using our light, easily handled Cut-Cost Cut Trays, the cabinets holding them may be stacked ceiling high, as in fig. 88, on following page, which illustrates a double stack of 4 tiers of cabinets, 160 in. (13 ft. 4 in.) high, with the topmost tray easily reached and



Fig. 86—Showing handiness of cut trays.

handled by means of a rolling ladder. Thus, if a stack is 2 Cut-Cost cabinets high, twice as many cuts may be stored in a floor area of $21\frac{1}{4} \times 58\frac{1}{4}$ in. as can be stored in a regular double-tier cut cabinet occupying a floor area of $22\frac{1}{2} \times 70$ in. If the stack of our cabinets is 3 tiers high, the storage capacity is trebled; if the stack is 4 tiers high, it is quadrupled.

How Cut-Cost Trays make it Easy to Eliminate Dead Cuts. In printing establishments using many customers' cuts, investigation will prove that a very large proportion of the cuts are obsolete. The printer cannot safely assume that any of a customer's cuts are obsolete. To get rid of obsolete cuts and make the space they occupy available for live cuts, proofs of them would require to be taken; but, when cuts are carried in cases, the expense of removing them from case to galley, and returning them to the case, is so great that the obsolete cuts are usually allowed to cumber the cabinets, thus necessitating the use of an excess number of cabinets. In our Cut-Cost System of Cut Storage each Cut-Cost Tray may be put on a proof press and a proof of its contents taken in two or three minutes. As each customer's cuts are kept on separate trays, the time and cost of furnishing proofs of them is thus made negligible. The proofs are submitted to the customer who is asked to kill the dead ones. The space they occupied is available for other cuts. This service pleases a customer. Sometimes live cuts forgotten by a customer are thus brought to his attention, and he is prompted to use them again, which is another order!

How Cut-Cost Trays make Card Indexing Unnecessary and provide an Easier Method of Indexing and Cataloguing at Negligible Cost.

Cuts on numbered Cut-Cost Trays may be proofed on paper that is punched and slotted, ready to put in a *Cut-Cost Loose-Leaf Binder* (fig. 89) for which indexes are furnished, as shown in fig. 90. The person in charge of cuts will find no difficulty in keeping such a *printed cut catalogue* up to date. Whenever a leaf is added to the catalogue it is no trouble at all to print an extra one for a customer. More than one such catalogue can be maintained, if desired, at little

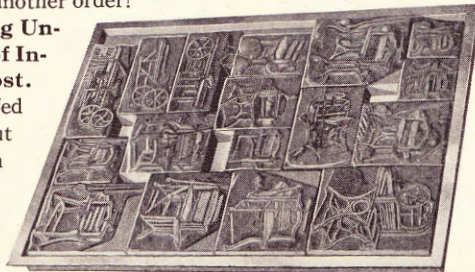


Fig. 87—Cut-Cost Steel Cut Tray No. 968-A, the chief factor in the efficiency of the American Cut-Cost System of Cut Storage. May be stacked ceiling high and proofed without handling a cut.

extra cost—merely the time of taking an extra proof. When cuts congest the cabinets, then is the time to eliminate the dead ones, by the method described above. Now, with all the cuts thus *catalogued and indexed* in the Cut-Cost Loose-Leaf Binder, under customers' names, the person in charge of cuts may note on the printed sheet how each cut taken out was disposed of—whether returned to customer, given out to a compositor, sent to electrotyper, or killed. Each leaf in the catalogue is numbered with pencil to correspond with the number on the Cut Tray. It is a good plan to number the cuts printed on each leaf from 1 up, so that a foreman or advertising writer or customer may designate by No. of cut and No. of tray any cut that may be wanted. Users of this system do not need to stamp numbers on halftones or electros, as is required in the expensive card index system. It is advised to stamp all originals, of course. An advertising manager would usually index his cuts by subjects or departments.

How Newspapers Use Cut-Cost Cut Trays. In newspaper composing rooms our Cut-Cost Cut Trays are used for carrying unmounted zincs and electros as well as for mounted cuts. For storing unmounted cuts we furnish extra deep trays (No. 968-B), which, however, fit in the regular Cut-Cost Cut Storage Cabinet No. 968.

Hints for Indexing. One conscientious person should have charge of cuts, and be held responsible for

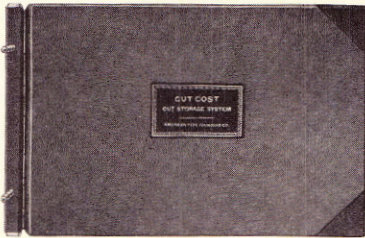


Fig. 89—Cut-Cost Loose-Leaf Binder No. 968-C with which Index Sheets are supplied.

them. Originals, not intended to be used in forms, should be stamped as such, and kept apart from duplicates of the original. When this system is first put into use, a certain number of empty trays may be reserved, in numerical order, for additions to cuts belonging to a customer; but when trays, thus reserved, are filled with live cuts, the overflow should be put in the nearest empty tray or trays, as there is no disadvantage in separating the trays carrying the cuts of one client.

Proof Presses. Users of this System not provided with a proof press are advised that the lowest priced press is Galley Proof Press No. 2. Poco Proof Presses, Nos. 1 and 2, give better and clearer proofs.

Superiority of Cut-Cost Cut Trays to Galleys. Cut-Cost Cut Trays, used in our Cut Storage Cabinet No. 968, make it impossible for the face of a cut to rub against the bottom of the Tray above it. Cuts carried in galleys in cabinets are in danger of being scratched through contact with the galley above.

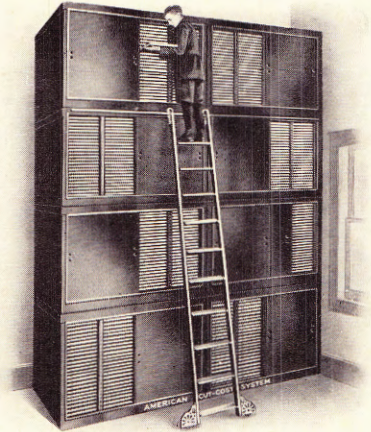


Fig. 88—Double stack of 8 Cut-Cost Cut Cabinets in 4 tiers, illustrating extraordinary economy of floor space.

With an index, cuts of one subject may run thus (for example), A6-A10, B70-73, C4-5, and so on. When cuts are added to a partially filled tray, prints from them



Fig. 90—Printed catalogue of cuts, with index, showing on a leaf of catalogue notations relating to disposal of cuts withdrawn from tray. This efficiency is attained at negligible cost, making a card system unnecessary.

AMERICAN CUT-COST STEEL FOREMAN'S DESK

MADE IN STEEL ONLY; AUXILIARY TOP SOLD SEPARATELY, ALSO THE ORDER ENVELOPE BOX.
DESK (WITHOUT AUXILIARY TOP), No. 825; AUXILIARY TOP ONLY,
No. 825-B; ORDER ENVELOPE BOX, No. 827



Fig. 91—No. 825 Cut-Cost Steel Foreman's Desk. A foreman is entitled to a good desk. This is a desk which, with the auxiliary top and order envelope box, has completely satisfied many of the most efficient foremen in American printing plants. The Auxiliary Top and Order Envelope Box are sold separately.

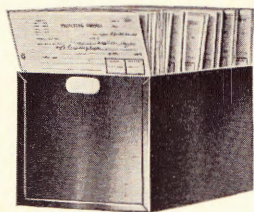


Fig. 92—Order Envelope Box No. 827. Envelopes are held in upright position. This box is sold separately.



Fig. 93—This Auxiliary Top No. 825-B is sold separately, for use on any flat-top desk not less than 60 in. wide.

The Flat-Top Desk is Sold Separately, without Top or Order Envelope Box. Flat-Top Steel Desk, No. 825, has a writing surface, 34x60 in., covered with heavy battleship linoleum. The height to writing surface is 30 in. There are 6 drawers: 1 center drawer, 22½x23x2½ in., has a reliable Yale lock; 1 filing drawer is 12¾x24x10½ in.; 4 other drawers have movable partitions, and each is 12¾x24x4⅞ in. Drawer dimensions are inside. The finish is olive green, with brass trimmings.

SPECIFICATIONS OF CUT-COST FOREMAN'S DESK, ETC.

No. 825—Cut-Cost Steel Flat-Top Foreman's Desk, without top or envelope box, olive green finish, brass trimmings; floor area, 34x60 in.; height to writing surface, 30 in. Approx. shipping weight, 400 lbs. *Code word:* USURIOUS.

No. 825-B—Cut-Cost Steel Auxiliary Top (fig. 91), for Cut-Cost Desk No. 825, may be placed on any flat-top

desk (wood or steel) not less than 60 in. wide; olive green finish, brass trimmings; width, 60 in.; depth, 12½ in.; height above flat-top desk, 24 in.; approx. shipping weight, 100 lbs. *Code word:* USURIOUSLY.

No. 827—Cut-Cost Steel Order Envelope Box, olive green finish; length, 15 in.; width, 10 in.; depth, 8½ in.; shipping weight, 15 lbs. *Code word:* UTENSIL.

CUT-COST PLATEN PRESSROOM CABINET

No. 530 (STEEL)
No. 9100 (WOOD)

*Sold with Iron or
Marble Imposing
Surface*

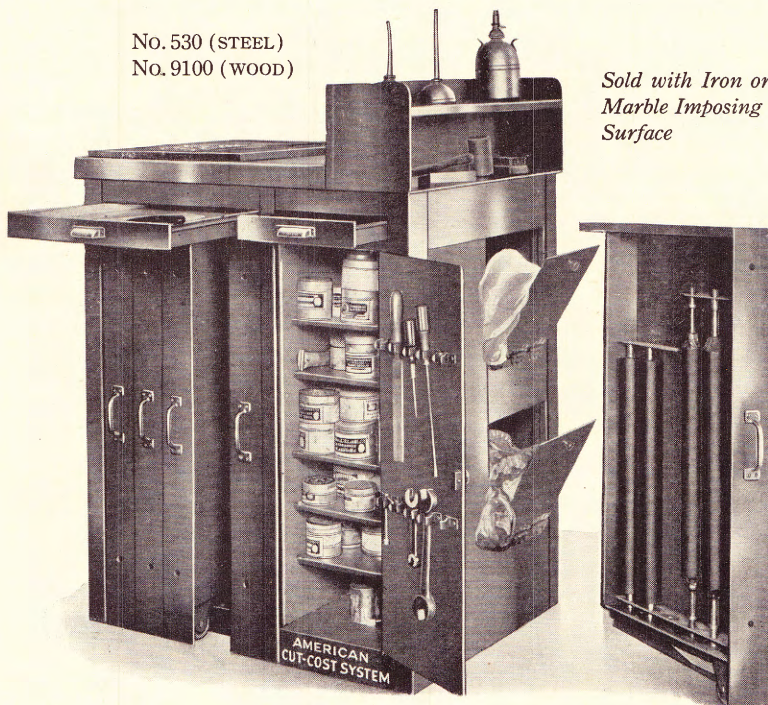


Fig. 94—Cut-Cost Platen Pressroom Cabinet, No. 530 (Steel); No. 9100 (Wood)
Study the picture; it explains itself

What It Does: It brings all appliances and materials close to the pressman, as shown in fig. 95, below, holding everything required by platen pressmen, except make-ready paper and job tickets, items which could not with safety be kept in a cabinet with inks. It provides a place and a lock-up surface close to the platen presses for leveling, correcting and changing forms, and has in upper left-hand drawer a removable Ink Mixing Tray, easy to keep clean.

What It Carries: 30 rollers, 31½ in. and all shorter lengths, in steel adjustable Roller Racks; an ample assortment and quantity of opened inks in Ink Cabinet on adjustable shelves; Imposing Surface, 26¼x27¾ in. (iron) or 22¾x26 in. (marble with coffin); a large removable Ink Mixing Tray, dust protected; a Drawer and 2 Racks for tools; a Bin for mallets, planers, brushes, etc.; a Shelf for oil cans and cleansers; and 2 fireproof Bins with spring doors for clean and semi-clean rags. The cabinet is two-sided and may be put in a corner or against a table (as in fig. 95).

SPECIFICATIONS OF ABOVE CABINET

Steel Construction

No. 530—Cut-Cost Platen Pressroom Cabinet (fig. 94), olive green finish, with iron or marble imposing surface (*state which is required*); floor area, 25¼x34¼ in.; height, 42 in.; approx. shipping weight, with marble top and coffin, 900 lbs.; with iron top, 880 lbs. *Code words:* with marble top, UPTAKE; with iron top, UPTRAIN.

Wood Construction

No. 9100—Cut-Cost Platen Pressroom Cabinet, antique finish, with iron or marble imposing surface (*state which is required*); floor area, 27x35 in.; height, 42 in.; approx. shipping weight, with marble top and coffin, 600 lbs.; with iron top, 575 lbs. *Code words:* with marble top, WANGTOOTH; with iron top, WANGAN.

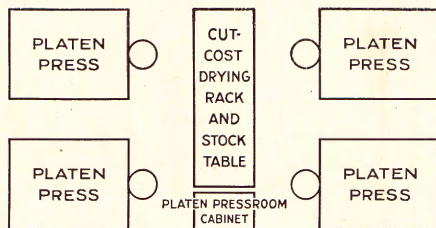


Fig. 95—Plan showing an efficient arrangement of 4 platen presses, a stock table and drying rack, and a Cut-Cost Platen Pressroom Cabinet.

AMERICAN CUT-COST PAPER CUTTER TABLE

No. 780; 80x36 in.

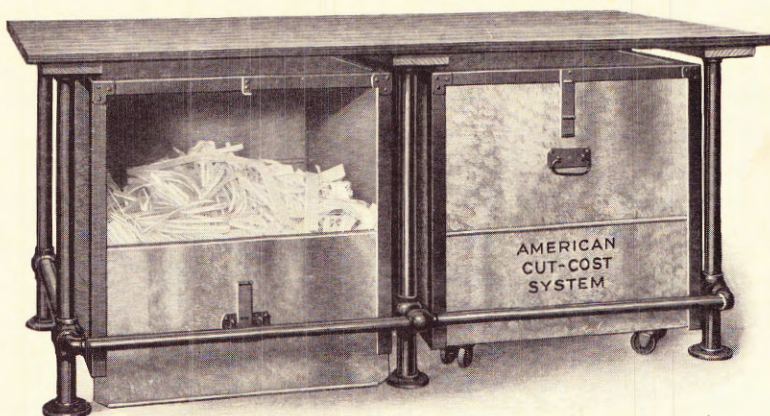


Fig. 96—Front view of Cut-Cost Paper Cutter Table, showing one Waste Paper Truck open, the other closed. The paper trucks are on caster wheels, and, as a truck is filled, the cuttings are hauled to baling press, and dumped as in fig. 97.

The Fire Ordinances of nearly all the larger cities require that paper trimmings and waste paper in printing plants and binderies must be kept in metal receptacles, with metal covers. Fig. 96, above, shows our Cut-Cost Paper Cutter Table with one Waste Paper Truck open and one closed, the sliding doors complying with the fire ordinances. The doors slide up and down, as shown in illustration.

The Top of this table is 80x36 in., and is made of kiln-dried maple, with three coats of shellac on top and bottom, rubbed smooth and varnished—the best possible and most durable surface upon which to jog and handle paper.

The Frame is of wrought iron pipe, secured to $1\frac{3}{8}$ in. battens, which are attached to the top, with allowances for contraction and expansion.

The Waste Paper Trucks are each $31 \times 28\frac{1}{2} \times 30\frac{1}{2}$ in., made of galvanized iron, in heavy angle iron frame, mounted on two-wheel casters. They are fire preventive. When a truck is filled, the sliding doors are closed, and the truck may be withdrawn, as in fig. 97, below, to the baling press or other receptacle for waste paper. Each truck has a rear door, as shown in fig. 97, so that contents may be tipped out easily. Two trucks are furnished with each complete table, as illustrated above.

May be Purchased Separately. The table and trucks may be purchased separately. The trucks may be used separately as waste paper receptacles in

pressrooms and in binderies. They are strongly made, durable and have the advantage of being on wheels.

SPECIFICATIONS OF CUT-COST PAPER CUTTER TABLE

No. 780—American Cut-Cost Paper Cutter Table, maple top, wrought iron pipe frame, 80x36 in. over all, including 2 galvanized iron Waste Paper Trucks; size of each truck, $31 \times 28\frac{1}{2} \times 30\frac{1}{2}$ in. inside; height of table, 36 in.; approx. shipping weight of all, 650 lbs. *Code word: URANIUM.*

No. 781—Cut-Cost Waste Paper Truck, as shown in figs. 96 and 97, galvanized iron in angle iron frame, each with 2 sliding doors and 2-wheel casters; size inside, $31 \times 28\frac{1}{2} \times 30\frac{1}{2}$ in.; size over all, $32\frac{1}{4} \times 31$ in.; height, $32\frac{1}{4}$ in.; approx. shipping weight, 175 lbs. *Code word: URANMICA.*

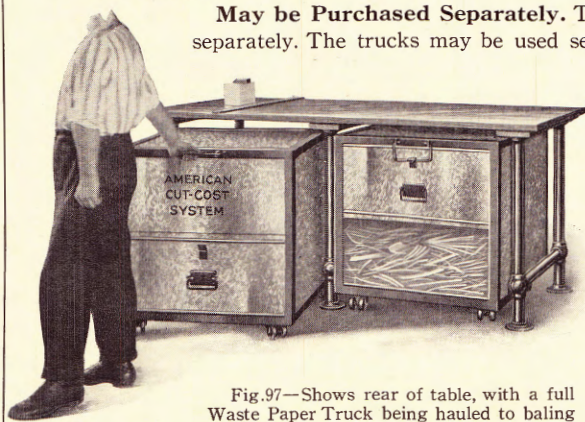


Fig. 97—Shows rear of table, with a full Waste Paper Truck being hauled to baling press. When in position for dumping, a rear door is opened, as shown at right in cut, and contents are easily ejected.

CUT-COST DRYING RACK AND STOCK TABLE

No. 15130 (IN STEEL); No. 5130 (IN WOOD)

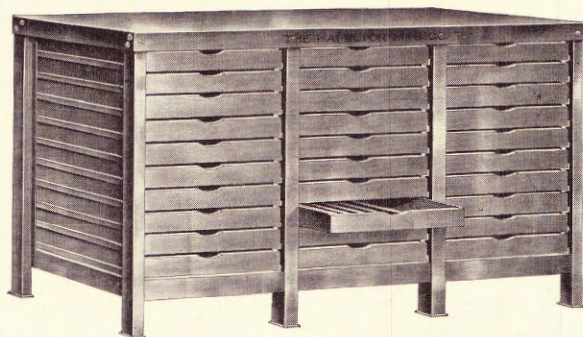


Fig. 98—Cut-Cost Drying Rack and Stock Table, made in Steel and in Wood. The steel construction, however, has wood drying trays.

This admirable table, $32\frac{1}{2} \times 70$ in. over all, is designed for use with platen presses. If presses are arranged as in diagram below (fig. 99), one table will serve for four platen presses. The unprinted stock is placed on the table, and as it is printed it is placed in the Drying Trays.

Each table has 30 wood Drying Trays, each $2\frac{1}{8}$ in. deep and $19 \times 30\frac{1}{2}$ in. inside, strongly made, with slatted bottoms to prevent accumulation of dust. The total drying area is 120 sq. ft. The Drying Trays pull out from either side.

The Drying Trays, while large enough to take any kind of work done on platen printing presses, are also small enough to be placed on the delivery stands of presses of the Hartford and Colt's Armory class, as shown in fig. 100, below, enabling feeder to deliver heavily inked work directly into the Drying Trays, thus making rehandling unnecessary while the ink is wet, when it is specially liable to spoilage.

Thus each detail of this table has been carefully considered with the object of affording convenience, with protection to printed work and prevention of waste.

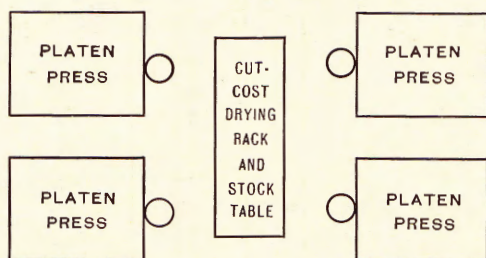


Fig. 99—Diagram of an efficient arrangement of 4 platen presses, 1 Drying Rack and Stock Table serving for all.

SPECIFICATIONS OF CUT-COST DRYING RACKS AND STOCK TABLES

Steel Construction

No. 15130—Cut-Cost Drying Rack and Stock Table, steel frame and top, with 30 wood Drying Trays, each tray $19 \times 30\frac{1}{2}$ in. and $2\frac{1}{8}$ in. deep, inside; floor area, $32\frac{1}{2} \times 70\frac{1}{2}$ in.; height, 40 in.; approx. shipping weight, 760 lbs. *Code word:* USURPATION.

Wood Construction

No. 5130—Cut-Cost Drying Rack and Stock Table, with 30 Drying Trays, each tray $19 \times 30\frac{1}{2}$ in. and $2\frac{1}{8}$ in. deep, inside; floor area, $32\frac{1}{2} \times 70$ in.; height, 40 in.; approx. shipping weight, 650 lbs. *Code word:* WANTONLY.

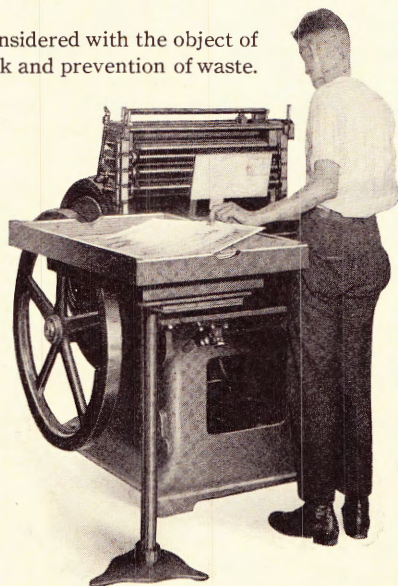


Fig. 100—Shows Drying Tray of Cut-Cost Drying Rack and Stock Table placed on a delivery stand of a Colt's Armory Press, receiving work directly into the tray, where it may remain until dry enough to handle safely.

AMERICAN CUT-COST SIGNATURE TRUCK

No. 853; MADE IN STEEL ONLY

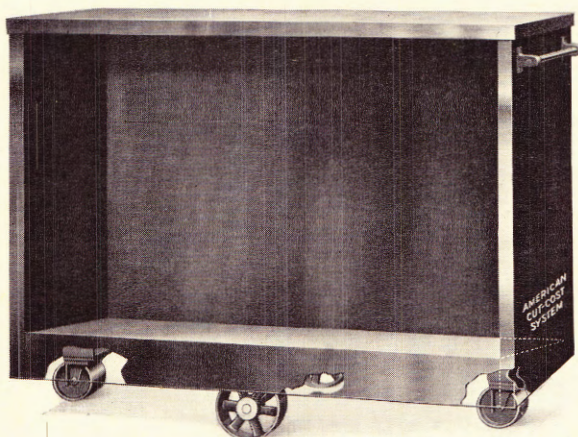


Fig. 101—Cut-Cost Signature Truck. Note that the bottom slopes downward toward the back, to prevent spilling of contents.

Great Capacity with Easy Operation. This truck is 43 in. wide, 14¾ in. deep, and 26 in. high inside, carrying a big load; yet the arrangement of wheels is such that it is remarkably easy to move and to guide. It swings readily in its own length, because the load is pivoted on two substantial central wheels, with a caster wheel at each end serving to guide the truck as well as balance the load. The weight is only 125 lbs.

A Safety Precaution. As shown by dotted lines in fig. 101, the bottom is inclined downward toward the back, effectually preventing the load from tipping or spilling forward.

This Truck has Great Strength and Durability. Its steel construction does not materially increase the cost over wood construction, while the steel adds greatly to its durability; hence it is made only in steel.

SPECIFICATIONS OF CUT-COST SIGNATURE TRUCK

No. 853—Cut-Cost Signature Truck, olive green finish; area over all, 15x47 in.; height, 38 in.; approx. shipping weight, 180 lbs. *Code word: UTILITY.*

AMERICAN CUT-COST BINDERY TABLE

No. 782; 80x36 in.



Fig. 102—Cut-Cost Bindery Table

This is an Ideal Table for folding and other work done in binderies in a sitting position. The top is of maple, kiln-dried, with three coats of shellac on top and bottom, rubbed smooth and varnished. The frame is of 1½ in. wrought iron pipe. The height is 30 in.

SPECIFICATIONS OF CUT-COST BINDERY TABLE

No. 782—Cut-Cost Bindery Table, maple top, wrought iron frame, aluminum finish; size over all, 80x36 in.; height, 30 in.; approx. shipping weight, 275 lbs. *Code word: USTULATE.*

AMERICAN CUT-COST STOCK FORWARDING TABLES

Nos. 783, 783-A, 784 AND 784-A; MADE IN STEEL

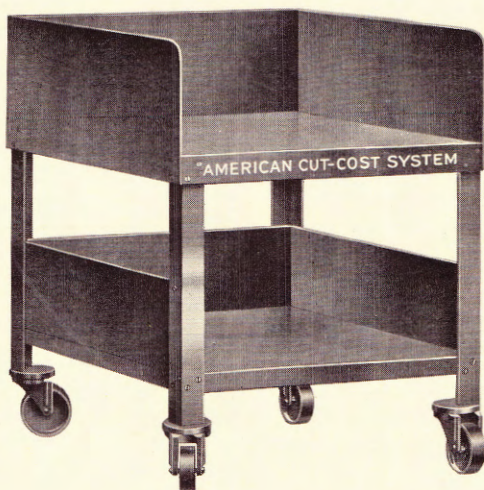


Fig. 103—Cut-Cost Stock Forwarding Table No. 783, 30x30 in. over all, with iron castor wheels; No. 783-A, with fibre castor wheels.

Once used in a pressroom, these Stock Forwarding Tables will be found to be indispensable. There can be no congestion when all stock is on wheels.

SPECIFICATIONS OF CUT-COST STOCK FORWARDING TABLES

No. 783—Cut-Cost Stock Forwarding Table (fig. 103), iron castor wheels, steel construction, olive green finish; area over all, 30x30 in.; height over all, 46 in.; approx. shipping weight, 315 lbs. *Code word:* UTTERANCES.

No. 783-A—Cut-Cost Stock Forwarding Table, 30x30 in. over all, with fibre wheels, otherwise the same as No. 783. *Code word:* UTTERETH.

No. 783-B—Cut-Cost Interlocking Drying Frames (fig. 105); size of each over all, 24x30 in.; size inside, 21½x30 in.; depth inside, 2 in.; sold only in crates containing 12 frames; approx. shipping weight per crate, 100 lbs. *Code word:* UPSETS.

No. 784—Cut-Cost Stock Forwarding Table (fig. 104), iron castor wheels, steel construction, olive green finish; area over all, 36x54 in.; height, 48 in.; approx. shipping weight, 400 lbs. *Code word:* UTTERING.

No. 784-A—Cut-Cost Stock Forwarding Table, 36x54 in. over all, with fibre castor wheels, otherwise the same as No. 784. *Code word:* URBANIZED.

No. 784-B—Cut-Cost Interlocking Drying Frames (fig. 105); size of each over all, 36x47 in.; size inside, 36x44½ in.; depth inside, 2 in.; sold only in crates containing 12 frames; approx. shipping weight per crate, 200 lbs. *Code word:* UPSETTING.

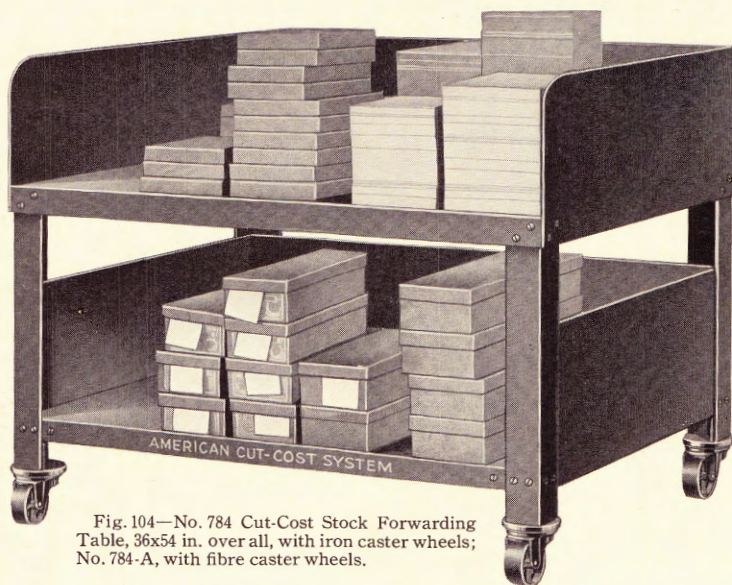


Fig. 104—No. 784 Cut-Cost Stock Forwarding Table, 36x54 in. over all, with iron castor wheels; No. 784-A, with fibre castor wheels.

Substantial and obvious economies are effected by keeping paper and card stock of all kinds on wheels. Every lift and every handling that can be avoided saves costs and minimizes waste of paper.

These tables are built strongly of steel, in angle iron frames, firmly riveted together. They weigh little more and are much more durable than if constructed of wood. They are easy to guide. They carry heavy loads.

Fibre Castor Wheels. When specially ordered both sizes of tables will be supplied with fibre wheels to render them noiseless, at an additional charge.

Interlocking Drying Frames may frequently be used to advantage on these tables, as illustrated in fig. 105 on opposite page. The drying frames for each table may be used in the lower compartment as well as on top. They are sold in crates containing 12 of one size. Crates will not be broken.

CUT-COST KELLY PRESS STOCK FORWARDING TABLE

NOS. 789 AND 789-B; MADE IN STEEL



Fig. 105—Shows Cut-Cost Kelly Press Stock Forwarding Table in use with Cut-Cost Interlocking Drying Frames.

They are 2 in. deep, inside, and will fit into both the lower and upper compartments of No. 789 table.

Fibre Casters, to minimize noise, may be substituted for iron casters, at an increase in cost. Trucks with fibre casters are not kept in stock.

Keeping Paper Stock on Wheels prevents waste and saves time. Every little daily saving is worth while.

SPECIFICATIONS OF CUT-COST KELLY PRESS STOCK FORWARDING TABLE, ETC.

No. 789—Cut-Cost Stock Forwarding Table, steel construction, as in fig. 105, without drying frames, with iron casters; floor area, $23\frac{1}{2} \times 23\frac{1}{2}$ in.; height, $43\frac{3}{4}$ in. over all; height inside of lower compartment, 20 in.; approx. shipping weight, 160 lbs. *Code word: USEFULLY.*

No. 789-A—Same as above, but with fibre casters. *Code word: USABLENESS.*

No. 789-B—Cut-Cost Interlocking Drying Frame; size over all, $20 \times 22\frac{1}{4}$ in.; size inside, $17\frac{1}{2} \times 22\frac{1}{4}$ in.; depth, 2 in. inside; sold only in crates containing 12 frames; approx. shipping weight of 12 frames, 55 lbs. *Code word for 12 frames: USEFULNESS.*

This table is designed specially to meet the requirements of users of Kelly Automatic Job Press, Style B, but is equally convenient and effective for general use in job press rooms.

Economy of Space. It is made to occupy as little floor space as possible, while carrying the largest sheets (17×22 in.) in the interlocking drying frames.

Economy of Time. The Kelly Automatic Job Press eats up paper so rapidly that the unprinted sheets need to be close at hand to avoid delaying the printing while the pile is being renewed. To delay the Little Kelly 10 minutes means a loss of 600 impressions! Another of these tables can be used economically to receive the printed sheets as they leave the press, unless the press is equipped with a Kelly Press Extension Delivery. Extension deliveries are used to economize time, and for Kelly Automatic Job Presses that are minus extension deliveries this Cut-Cost Stock Forwarding Table is the next best thing. It is effective in reducing idle time on the presses to a minimum.

Advantages of using Cut-Cost Interlocking Drying Frames on heavily inked work. These frames may be placed on the delivery table of the press, by removing the walls of the jogger, to receive heavily inked work direct, eliminating all handling of the sheets until the ink has dried. On heavily inked work this method of delivering the sheets is safer than the use of joggers. Locking rigidly together, these frames may with safety be stacked as high as a man may reach. They are $17\frac{1}{2} \times 22\frac{1}{4}$ in. inside, taking on largest sheet printed on a Style B Kelly Press.



Fig. 106—Stock Forwarding Table No. 789 in action; saves handling; saves time.

A PAGE OF RECOMMENDATIONS OF THE CUT-COST SYSTEM

"Every piece of Cut-Cost Equipment might well be put on our pay roll, as each piece causes a saving in wages. The workmen lose no time, as everything is at hand and they are never in each other's way. Our expenditure of \$7000 is one of the best paying investments we have ever made."—CLIENT IN TOPEKA, KANS.

St. Louis, Mo. "With more ease and less friction, the men do more work. . . . The saving in labor cost will pay for the new equipments in two years, on a conservative estimate."

New Haven, Conn. " . . . There has been considerable time saved. . . . [On job done yearly] 199 hours last year, this year 168 hours; another instance, 172 hours last year, this year 148 hours. We have nothing but praise for the efficient manner in which you have handled the reorganization of our composing room."

Rochester, N. Y. "We formerly occupied two floors, but the Cut-Cost Equipment enabled us to concentrate on one floor, thereby saving 50 per cent in rent, besides noticeably reducing the cost of production."

Lafayette, Ind. "In one specialty department, in which we approximate \$10,000 business [per month], our costs have been reduced 35 per cent, and all overtime eliminated, which ran from 20 to 40 hours per week. On our magazine, 6x9 in size, we have averaged a saving of 1½ hours per form of 32 pages."

St. Louis, Mo. [The problem was to concentrate on one floor a book and a job composing room occupying two floors.] "You solved the problem and by installing new Cut-Cost Equipments . . . gave us more storage space than we had before, and everything desirable in the way of arrangement and aisle room."

New York, N. Y. "Our composing room has been acknowledged to be the finest in the city by those who have seen it. The scientific layout has reduced the hour cost of composition about 20 per cent."

Waterloo, Iowa. "We have now been operating in our new plant nine months. The work of your production engineer in scientifically arranging our plant has meant a great saving to us in dollars and cents, due to the compact, time-saving character of the Cut-Cost Equipments . . . which have proved their economies thousands of times. . . . It seems almost impossible now that we ever did anything profit-

ably under the old conditions. . . . Make-up time, stone work, and all the work in the composing room is now handled in from 20 to 40 per cent less time. . . . I have made this pretty strong, but not a bit too strong."

Boston, Mass. "We have saved 25 per cent of the floor space formerly used, and about 25 per cent in labor cost. The only regret we have is that we did not install the Cut-Cost Equipment five years ago."

Richmond, Va. "The change has not only made it possible for the men to do more work, but has added to their comfort. Where before we were crowded, we now have plenty of space, with room to expand. We are very much pleased with the interest manifested by your production engineer in working out the plans."

Pittsfield, Mass. "We find that with this new Cut-Cost Equipment, and the efficient layout made by your production engineer, each job slips through much quicker than with the old equipments, while our men appreciate having such fine equipments to work with. It certainly creates a different atmosphere in the workshop."

Utica, N. Y. "The savings in labor cost, etc., by the use of the Cut-Cost System are all that you claim for it. Before our change we were crowded terribly and unable to increase our output. Now we have installed another press, added another compositor, and still have surplus floor space to extend further, when ready. Our output has increased accordingly."

Rochester, N. Y. "Practically all of your recommendations have been carried out. They have proven to us that your guidance needs to be sought, as it has enabled us to continually lower our manufacturing costs."

Sioux Falls, S. D. "The layout your production engineer gave us enabled us to move our machinery and other equipment with very little loss of time. We moved in November, and did 90 per cent of an average month's business. I cannot recommend his services too highly."

AMERICAN SCHOOL TYPE CABINET

No. 9178; MADE IN WOOD ONLY

This cabinet is sold with 1 full size blank case (to hold copy, composing sticks, etc.); 2 pairs of No. 2620 case brackets; a detachable galley dump (for two galleys); a lead and slug rack for lengths 10 to 26 picas, by ems; and compartments on galley dump for leads and slugs, lengths 4 to 9½ picas, varying by ens. It is made in elm, antique finish.

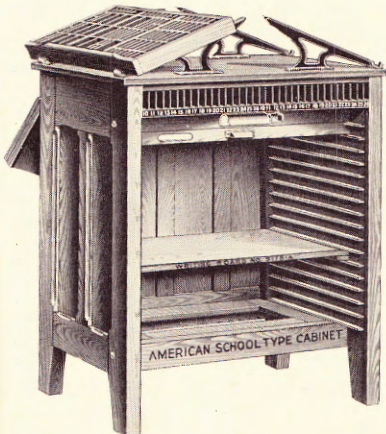


Fig. 107—Front view of American School Type Cabinet. Type case on top and writing board in rack are extras. Note the lead and slug rack, which is part of this cabinet.

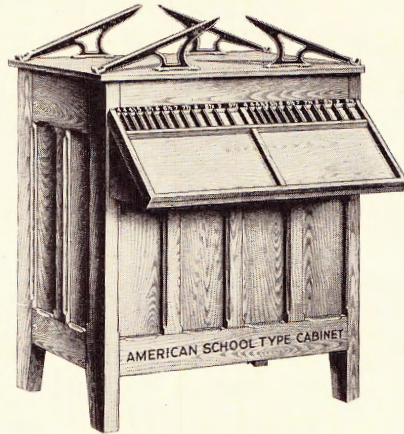


Fig. 108—Rear view of American School Type Cabinet. Galley dump, which has compartments for short-length leads and slugs and holds two job galleys, is detachable.

Cabinet Front Cases. The body of the Cabinet is made to hold 17 cabinet front cases, but no cases are furnished until specially ordered (owing to varying requirements), except 1 blank case. Cabinet front cases are varnished and have pulls and label holders.

Writing Board. This useful extra (shown in fig. 107) is the same size as the type cases. It may be placed upon the brackets for use; or it may be held in the case runs at a convenient height, and pulled out for use, while the student sits on a stool. It is made of hardwood.

Other Extras. Electric fixtures over cases and Writing Board No. 9178-A, though shown in the illustration (fig. 107), need to be ordered separately, if required.

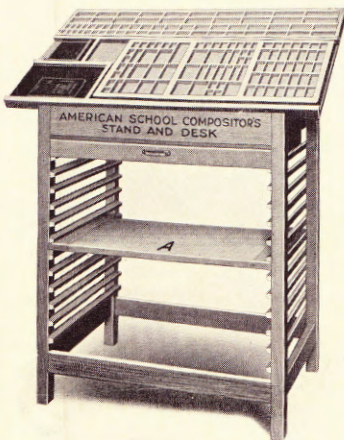


Fig. 109—American School Compositor's Stand and Desk.

AMERICAN SCHOOL COMPOSITOR'S STAND AND DESK

No. 9177; MADE IN WOOD ONLY

This open type case stand is made of elm, varnished. It carries 11 full size regular cases, in addition to the drawer which is regularly furnished, but the cases are extra, and require to be specially ordered, as needed.

The Working Top includes compartments for labor-saving leads and slugs, and places for a galley, composing stick, etc., and also for a full size case, when it is necessary to use it on the top.

Writing Board. The writing board (A in fig. 109) is made of hardwood, and may be placed in the rack at a height convenient for the student when sitting on a stool.

Extras. Though shown in the illustration, the type case and galleys on the top and the writing board are extras, and require to be ordered specially, with the type cases, as required.

AMERICAN SCHOOL IMPOSING TABLES

No. 3982 (IN WOOD); No. 13982 (IN STEEL)

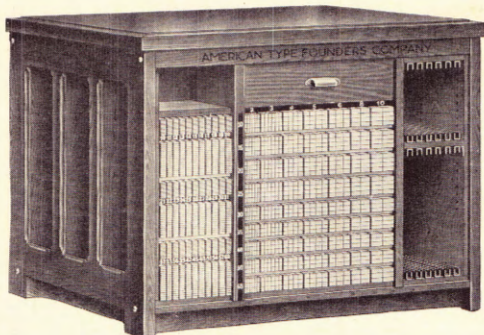


Fig. 110—One side of American School Imposing Table No. 3982, wood construction. In steel construction the sizes and the contents capacity are the same as in wood.

Although contents are shown in fig. 110, no reglets or wood furniture are included with tables, and require to be ordered separately.

The compartment for reglet accommodates Reglet Font No. 3730, consisting of 1716 pieces, 26 each of 6 pt. and 12 pt., from 10 to 33 picas, graduated by picas, and from 36 to 60 picas, graduated by 3 picas.

The compartment for wood furniture accommodates Wood Furniture Font No. 3744, consisting of 837 pieces, in 2, 3, 4, 5, 6, 8 and 10 pica widths, and in 10, 15, 20, 25, 30, 35, 40, 50 and 60 pica lengths.

When furnished with a marble surface in coffin the working area of these tables is 32x48 in.; when supplied with an iron surface the working area is 35x51 in. The height is 38¼ in. The shipping weight, without contents, is 600 lbs. in wood; 800 lbs. in steel.

Under the working surface, as illustrated in fig. 110, there are racks for fonts of reglet and of wood furniture, an adjustable rack for twelve chases and a capacious drawer.

On the other side, as illustrated in fig. 111, there are 51 numbered galley shelves and an adjustable rack for six chases, which may be increased to twelve at a small additional cost.

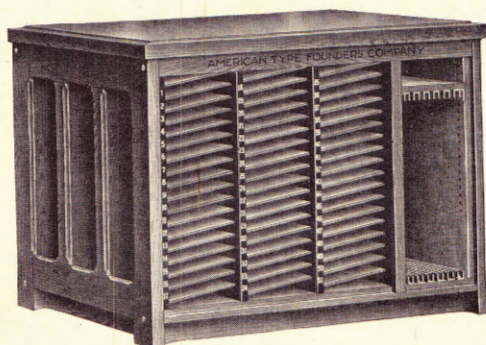


Fig. 111—The other side of American School Imposing Table No. 3982, wood construction.

AMERICAN SCHOOL IMPOSING TABLES

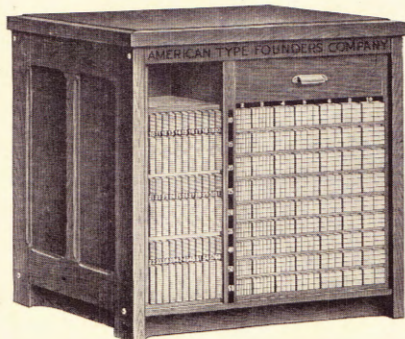


Fig. 112—One side of American School Imposing Table No. 3977, wood construction.

No. 3977
(IN WOOD
ONLY)

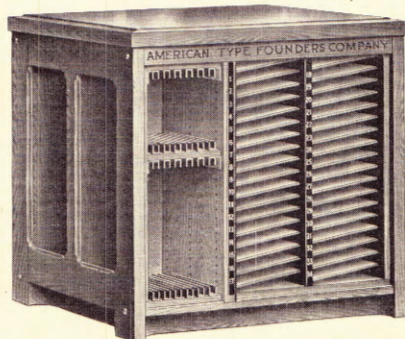


Fig. 113—The other side of American School Imposing Table No. 3977, wood construction.

When furnished with a marble surface and coffin, the working area is 28x36 in.; with an iron surface, 31x39 in. The height is 38¼ in. The shipping weight, without contents, is 420 lbs.

Under the working surface (as shown in fig. 112) there are racks for Reglet Font No. 3730 and Wood Furniture Font No. 3744 and a drawer; and (as shown in fig. 113) galley shelves for 34 galleys and a rack for twelve chases. Particulars of reglet and wood furniture fonts are the same as given in description of the larger table above.

PRINTING PLANT EQUIPMENTS IN STEEL AND WOOD FOR COMMERCIAL OFFICES AND NEWSPAPERS

MANUFACTURED BY THE HAMILTON MANUFACTURING COMPANY
AND KEPT IN STOCK AND SOLD BY ALL THE SELLING HOUSES OF
THE AMERICAN TYPE FOUNDERS COMPANY

Nota Bene: The larger proportion of items are made in both wood and steel, in which instances the designs are practically alike. It is therefore unnecessary to illustrate both constructions. ¶ With few exceptions, only two-tier or double type cabinets are illustrated, though one-tier or single type cabinets are made and listed. One-tier type cabinets are simply halves of two-tier type cabinets, with practically no change in design. ¶ Wood constructions are usually made in ash, antique finish, and some commoner items in elm without finish. Steel items are finished when practicable in olive green enamel, two coats, baked. ¶ The dimensions of both wood and steel constructions are approximately alike, those of the wood being usually somewhat larger. The dimensions printed are of steel construction. ¶ Each item is illustrated in its complete state, showing equipments that are extra as well as those that are regular.

The extras, as listed, require to be ordered separately, if needed.

AMERICAN TYPE FOUNDERS COMPANY

Largest Distributor of Hamilton Manufactures for Printers

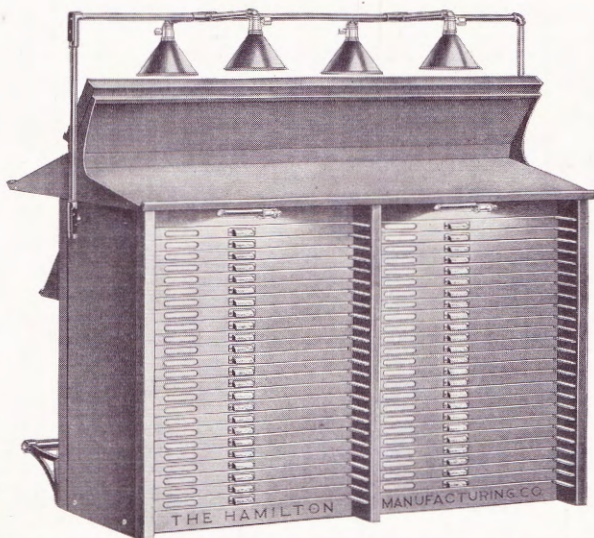
1923

HAMILTON TYPE CABINETS

MADE IN BOTH STEEL AND WOOD IN SINGLE AND DOUBLE TIER

All Hamilton Type Cabinets are made in both wood and steel. Whether made in wood or steel the designs are similar and it has not been considered necessary to show illustrations of both constructions.

Several of the Hamilton Type Cabinets are made in both single and double tier, and here again it has not been thought necessary to show the single-tier constructions which have the same details as the double-tier cabinets of the same design.



No. 12005 (IN STEEL); No. 2005 (IN WOOD)—CASE SIDE
See illustration below for reverse side of this cabinet

Height to working surface, 43 in.; floor space, 70x35 in. Approximate shipping weight: Steel, 1110 lbs.; Wood, 865 lbs.

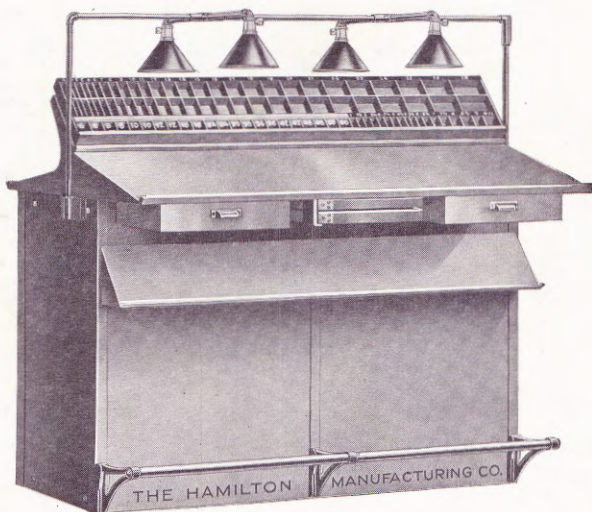
Also made in one-tier size, No. 12000 (Steel); No. 2000 (Wood).

This is one of the more popular type cabinets. In publishing plants and job printing plants each compositor requires a liberal amount of working space. The large working bank on this cabinet is a favorite with compositors and the spacing materials case provides a liberal supply of leads and slugs and other spacing materials, all conveniently located.

The galley dump gives additional space for the storage of galleys, cuts, etc., within easy reach of the workman.

The illustrations show No. 12005 Steel Cabinet (case side and working side) completely equipped with 46 full size California job cases and two blank cases, with pulls and mortised label holders; two copy drawers; two swinging trays for quarter cases; full length galley dump; foot rail in rear; wiring overhead and over cases. Upper bank in rear accommodates any spacing materials case, size 10x70 in. The one shown in the illustration is No. 13215.

EXTRAS.—Although shown in illustrations, the following items are extras, and need to be ordered separately if required: foot rail, spacing materials case, all electric fixtures for Nos. 2000 and 2005; overhead electric fixtures for Nos. 12000 and 12005; bulbs; and steel fronts on cases in Nos. 12000 and 12005.

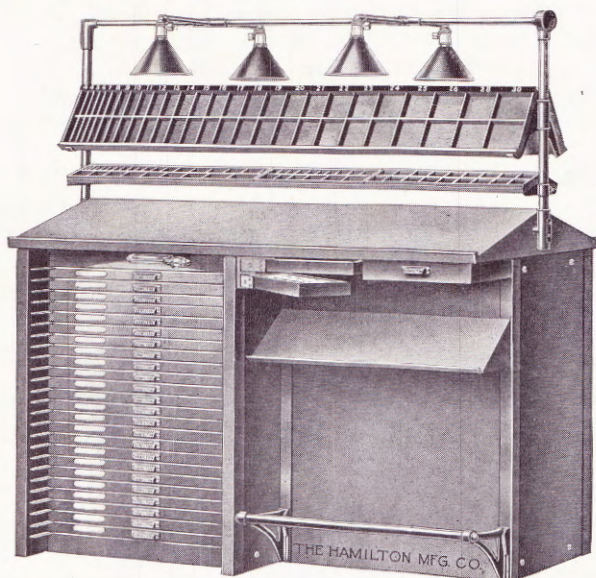


WORKING SIDE OF CABINET ILLUSTRATED ABOVE

HAMILTON AD-MAN TYPE CABINETS

MADE IN BOTH STEEL AND WOOD IN SINGLE AND DOUBLE TIER

The illustration shows No. 12010 Steel Cabinet completely equipped with 46 California job cases and two blank cases with pulls and mortised label holders; double-depth overhead bank for leads



No. 12010 (IN STEEL); No. 2010 (IN WOOD). BOTH SIDES ALIKE

and slugs from 4 to 26 picas (extra compartment for 4 pica lengths), and compartments for 28 and 30 pica leads; auxiliary bank with two sets of justifying materials cases; four swinging trays for quarter cases; two copy drawers; two galley dumps; two foot rails; wiring overhead and over cases. Both sides of double cabinets are alike.

EXTRAS.—Although shown in illustration, the following items are extras, and need to be ordered separately, if required: foot rails (2), steel fronts on type cases in Nos. 12010 and 12015, overhead electric fixtures for Nos. 12010 and 12015, all electric fixtures for Nos. 2010 and 2015, and electric bulbs.

Height to working surface, 43 in.; floor space, 73x36 in. Approximate shipping weight: Steel, 1400 lbs.; Wood, 1150 lbs.

Also made in one-tier size, No. 12015* (Steel); No. 2015 (Wood).

HAMILTON NEWSPAPER AD CABINETS

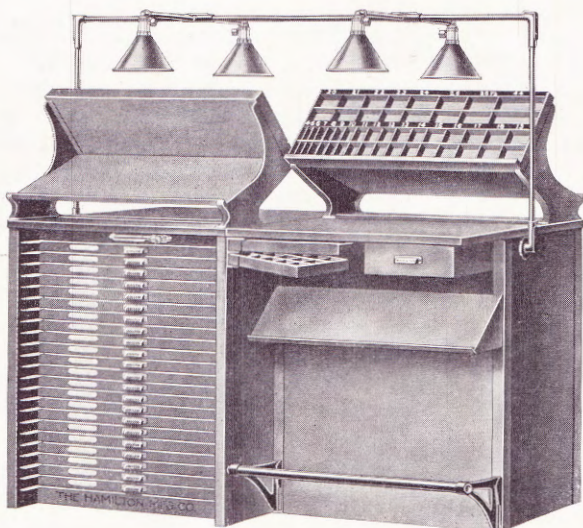
MADE IN BOTH STEEL AND WOOD IN SINGLE AND DOUBLE TIER

The illustration shows No. 12020 Steel Cabinet completely equipped with 42 full size California job cases and two blank cases with pulls and mortised label holders; two double-depth lead and slug cases arranged to hold leads and slugs from 4 to 25 picas, also compartments for 26½ and 44 pica lengths; four swinging trays for quarter cases; two copy drawers; two galley dumps; two foot rails; wiring overhead and over cases. Both sides of these cabinets alike.

EXTRAS.—Although shown in illustration, the following items are extras, and need to be ordered separately, if required: foot rails (2), steel fronts on type cases in Nos. 12020 and 12025, overhead electric fixtures for Nos. 12020 and 12025, all electric fixtures for Nos. 2020 and 2025, and electric bulbs.

Height to working surface, 41 in.; floor space, 71x34 in. Approximate shipping weight: Steel, 1325 lbs.; Wood, 950 lbs.

Also made in one-tier size, No. 12025 (Steel); No. 2025 (Wood).

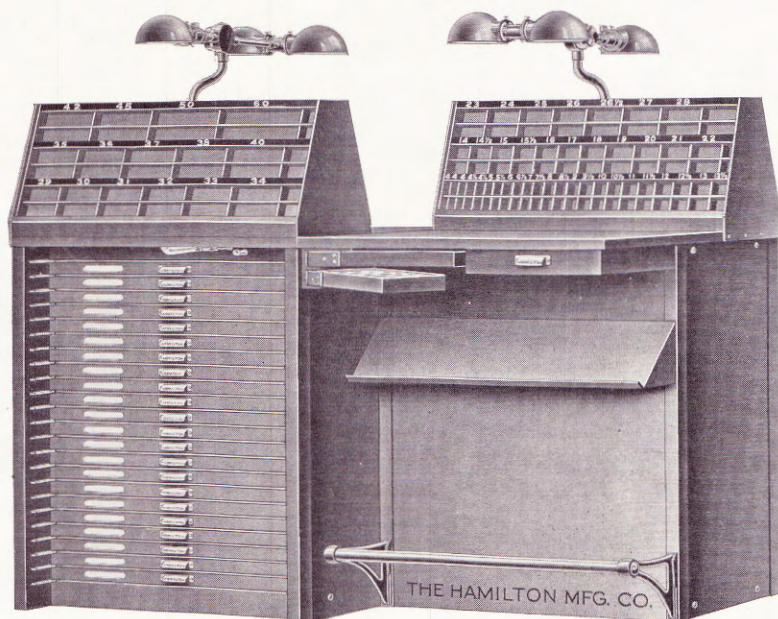


No. 12020 (IN STEEL); No. 2020 (IN WOOD). BOTH SIDES ALIKE

HAMILTON NEWSPAPER TYPE CABINETS

MADE IN BOTH STEEL AND WOOD IN SINGLE AND DOUBLE TIER

This is now the preferred and most efficient type cabinet for newspaper ad. work, each double-tier cabinet accommodating two men, one on each side. Both sides are exactly alike. Under present conditions, newspaper ad. compositors work easier and more expeditiously on flat surfaces than on banks. Slugs stand up on flat galleys and fall over when galleys are slanted. Each compositor has two cases in which to carry a liberal supply of leads and slugs, as enumerated below, and two swinging trays in which quarter cases may be placed to carry brass rules and



No. 12030 (IN STEEL); No. 2030 (IN WOOD). BOTH SIDES ALIKE

other necessary materials. Quarter cases are extra. There are newspaper ad. compositors who, from force of habit, think they prefer to work on banks, but after a trial of the flat working method, their prejudices are invariably overcome.

The illustration shows No. 12030 Steel Cabinet completely equipped with 42 full size California job cases and two blank cases with pulls and mortised label holders; two double-depth pyramid banks; four swinging trays for quarter cases; two copy drawers; two galley dumps; two foot rails; wired overhead for six lights and one light over each tier of cases.

The bank on the working side of each half of the cabinet accommodates in duplicate compartments, leads and slugs from 4 to 16 picas varying by ens, and 17 to 26 picas varying by ems; also compartments for 26½, 27 and 28 pica lengths.

The bank on the case side of each half of the cabinet accommodates in duplicate compartments, leads and slugs from 29 to 38 picas varying by ems; also compartments for 40, 42, 45, 50 and 60 pica lengths.

EXTRAS.—Although shown in illustration, the following items are extras, and need to be ordered separately, if required: foot rails (2), overhead electric fixtures for Nos. 12030 and 12035, all electric fixtures for Nos. 2030 and 2035, steel fronts on type cases in Nos. 12030 and 12035, and electric bulbs. Quarter cases, held in swinging trays, are also extras.

Height to working surface, 41 in.; floor space, 70x34 in. Approximate shipping weight: Steel, 1275 lbs.; Wood, 910 lbs.

Also made in one-tier size, No. 12035 (Steel); No. 2035 (Wood).

HAMILTON WALL TYPE CABINETS

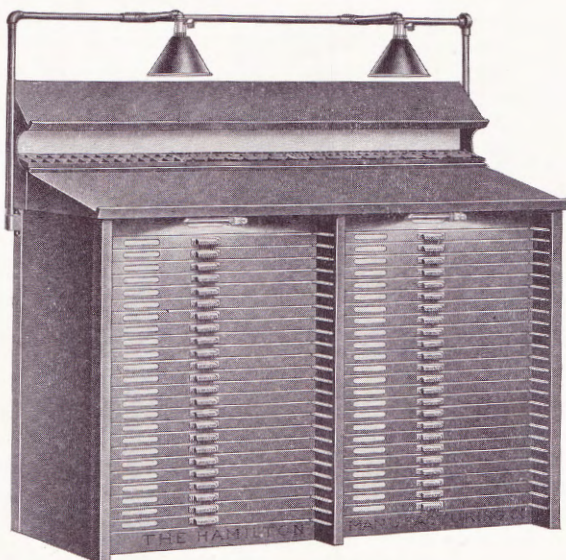
MADE IN BOTH STEEL AND WOOD

The illustration shows No. 12040 Steel Cabinet completely equipped with 46 full size California job cases and two blank cases with pulls and mortised label holders; auxiliary cases for spacing materials at top of work bank; lights overhead and over cases. The top bank will accommodate a standard 70x10 in. lead and slug case.

This cabinet is designed to go against a wall to complete an alley.

EXTRAS.—Although shown in illustration, the following items are extras and need to be ordered separately, if required: overhead electric fixtures on No. 12040, all electric fixtures on No. 2040, electric bulbs and steel fronts on type cases in No. 12040.

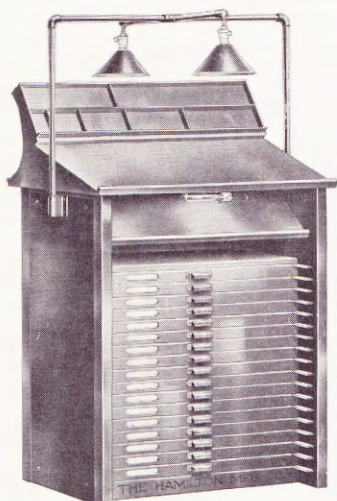
Height to working surface, 43 in. Floor space, 24x70 in. Approximate shipping weight: Steel, 1000 lbs.; Wood, 875 lbs.



No. 12040 (IN STEEL); No. 2040 (IN WOOD)

HAMILTON HEAD-LETTER CABINETS

MADE IN BOTH STEEL AND WOOD



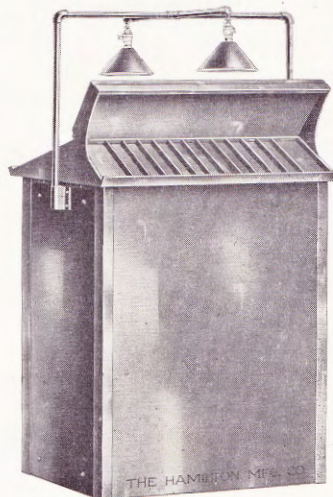
No. 15738 (IN STEEL); No. 5738 (IN WOOD)
FRONT VIEW

ordered separately, if required: overhead electric fixtures for No. 15738, all electric fixtures for No. 5738, electric bulbs and steel fronts on type cases in No. 15738.

Height to working surface, 43 in.; height over all, 57½ in. Floor space, 36½x25½ in. Approximate shipping weight: Steel, 600 lbs.; Wood, 500 lbs.

This cabinet will prove all that is needed in most newspaper plants. Bank has working surface, size 17x36 in. Auxiliary bank above working bank has case for cross rules and spacing materials, from one to eight column lengths. Rear bank has spaces for single and double column matter (see lower illustration). Galley dump under working surface is 9x32¼ in., and has an electric light directly above it. Shelf below galley dump is 18 in. deep, 32¼ in. long. Nine California job cases, seven lower cases, and one space and quad case, with pulls and label holders, are supplied.

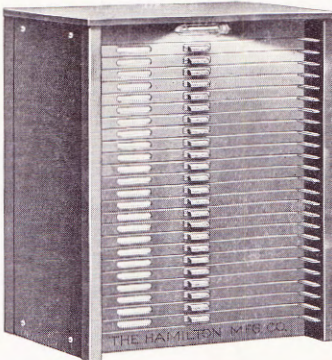
EXTRAS.—Although shown in illustrations, the following items are extras, and need to be



No. 15738 (IN STEEL); No. 5738 (IN WOOD)
REAR VIEW

FLAT-TOP EXTENSION FRONT TYPE CABINETS

MADE IN BOTH STEEL AND WOOD



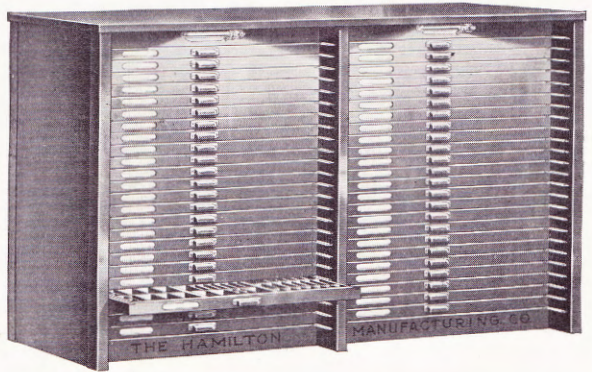
No. 12210 (IN STEEL); No. 2210 (IN WOOD)

Flat top is removable, and when removed the cabinet will accommodate double-tier working top, as illustrated below.

EXTRAS.—Electric fixtures on wood cabinets, electric bulbs, and steel case fronts on steel cabinets.

The illustration at left shows No. 12210 Steel Cabinet equipped with 23 full size California job cases and one blank case with pulls and mortised label holders; wiring over cases. The flat top is removable, and when removed the cabinet will accommodate a single-tier working top.

The illustration below shows No. 12220 Steel Cabinet equipped with 46 full size California job cases and two blank cases with pulls and label holders, and wiring over cases.



No. 12220 (IN STEEL); No. 2220 (IN WOOD)

PARTICULARS OF FLAT-TOP EXTENSION FRONT TYPE CABINETS

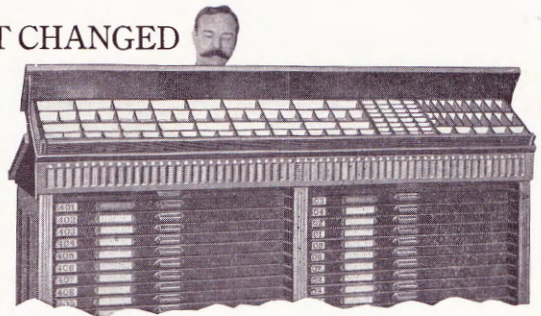
No.	Construction	Case Capacity	Style of Finished Back	Height Inches	Floor Space Inches	Approx. Shipping Weight
2190	Wood	12 Two-thirds Size California Job	Gumwood	25	25 x 22½	145 lbs.
2195	Wood	12 Full Size California Job	Gumwood	25	35½ x 22½	185 lbs.
2200	Wood	23 Two-thirds Size California Job and 1 Blank ...	Gumwood	43¾	25 x 22½	250 lbs.
*2205	Wood	23 Full Size California Job and 1 Blank	Gumwood	43¾	35½ x 22½	335 lbs.
*2210	Wood	23 Full Size California Job and 1 Blank	Paneled	43¾	35½ x 22½	350 lbs.
*2215	Wood	46 Full Size California Job and 2 Blank	Gumwood	43¾	70 x 22½	600 lbs.
*2220	Wood	46 Full Size California Job and 2 Blank	Paneled	43¾	70 x 22½	600 lbs.
*12210	Steel	23 Full Size California Job and 1 Blank	Steel	43	35 x 22	480 lbs.
*12220	Steel	46 Full Size California Job and 2 Blank	Steel	43	69 x 22	880 lbs.

*Flat tops are removable, and when removed the single-tier cabinets will accommodate single-tier working tops and the double-tier cabinets will accommodate double-tier working tops, as shown in picture below.

FLAT-TOP TYPE CABINET CHANGED TO WORKING CABINET

Picture at right shows a double-tier Flat-Top Type Cabinet transformed into a working cabinet by removing the flat top and substituting a Cut-Cost Top, No. 9011 (Wood) or 542-B (Steel), described on page 1029. Other styles of Cabinet Tops are listed on page 1074.

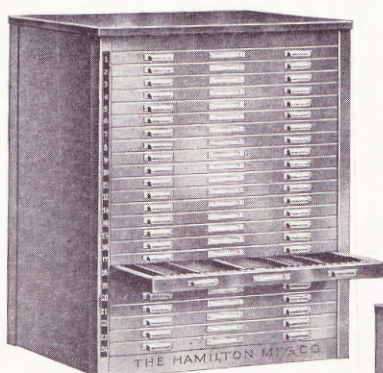
Some type cabinets of obsolete styles may be made 100 per cent efficient by changing the working top.



CUT-COST TOP No. 9011 (WOOD) OR 542-B (STEEL) APPLIED TO TWO-TIER FLAT-TOP CABINET

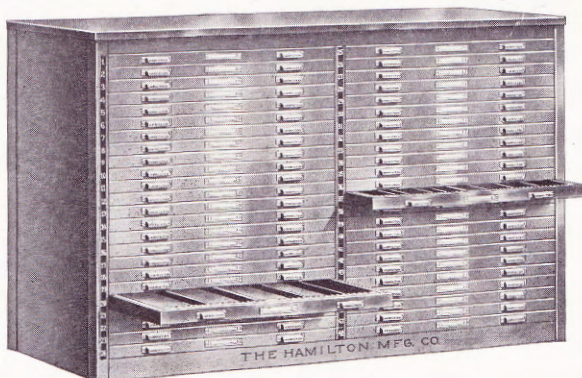
HAMILTON CUT AND ELECTRO CABINETS

MADE IN BOTH STEEL AND WOOD



No. 12390 (IN STEEL); No. 2390 (IN WOOD)
WITH 24 FULL SIZE INDEXED DRAWERS
No. 12400 (IN STEEL); No. 2400 (IN WOOD)
WITH 24 FULL SIZE BLANK DRAWERS

Projecting drawers in pictures show adjustable partitions which engage in notches cut in frame of drawers on front and back, illustrated in cut case No. 2711, page 1080. Thus each drawer may be divided into as many compartments as desired. The compartments may be numbered and contents indexed. For blank drawer see case No. 2706, page 1080.



No. 12410 (IN STEEL); No. 2410 (IN WOOD); WITH 48 FULL SIZE INDEXED DRAWERS
No. 12420 (IN STEEL); No. 2420 (IN WOOD); WITH 48 FULL SIZE BLANK DRAWERS

PARTICULARS OF STEEL CUT AND ELECTRO CABINETS, INDEXED OR WITH BLANK DRAWERS

No.	Drawer Capacity	Style of Drawers	Height Inches	Width Inches	Depth Inches	Size of Drawers Inside, Inches	Approximate Shipping Weight, Lbs.
12390	24 Full Size	Indexed	43	35	21½	29¼x15¼	610
12400	24 Full Size	Blank	43	35	21½	31 x17	550
12410	48 Full Size	Indexed	43	68½	21½	29¼x15¼	1125
12420	48 Full Size	Blank	43	68½	21½	31 x17	1000

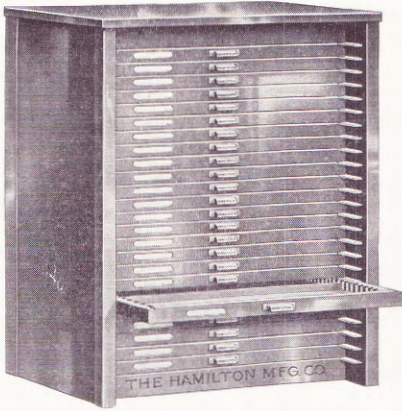
PARTICULARS OF WOODEN CUT AND ELECTRO CABINETS, INDEXED OR WITH BLANK DRAWERS

No.	Drawer Capacity	Style of Drawers	Height Inches	Width Inches	Depth Inches	Size of Drawers Inside, Inches	Approximate Shipping Weight, Lbs.
2330	12 Two-thirds Size	Indexed	25	25¼	22½	20¼x15	150
2340	12 Two-thirds Size	Blank	25	25¼	22½	20¼x15	140
2350	12 Full Size	Indexed	25	35¾	22½	30½x15	180
2360	12 Full Size	Blank	25	35¾	22½	30½x15	170
2370	24 Two-thirds Size	Indexed	43¾	25¼	22½	20¼x15	250
2380	24 Two-thirds Size	Blank	43¾	25¼	22½	20¼x15	225
2390	24 Full Size	Indexed	43¾	35¾	22½	30½x15	325
2400	24 Full Size	Blank	43¾	35¾	22½	30½x15	300
2410	48 Full Size	Indexed	43¾	70¾	22½	30½x15	575
2420	48 Full Size	Blank	43¾	70¾	22½	30½x15	525

For particulars of the American Cut-Cost System of Cut Storage, including cataloguing and indexing, see page 1054. It is a remarkable economizer of floor space and of time in indexing and finding and keeping a record of cuts.

HAMILTON WOOD TYPE CABINETS

MADE IN BOTH STEEL AND WOOD

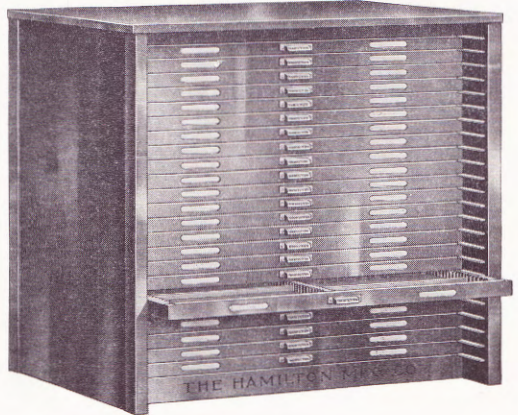


No. 12430 (IN STEEL)
No. 2430 (IN WOOD) WITH GUMWOOD BACK
No. 2435 (IN WOOD) WITH PANELED BACK

The larger size contains 23 large size wood type cases (cases of wood construction) with slotted center bar; size of each compartment, 20 $\frac{3}{4}$ x21 $\frac{3}{8}$ in. inside; each case with pull and two mortised label holders. Floor space, 47x27 $\frac{3}{4}$ in. Height, 43 in. Approximate shipping weight: Steel, 600 lbs.; Wood, 470 lbs.

Wood type should be kept in a place where it will not get dirty, battered or scratched. These Hamilton Wood Type Cabinets provide a safe place. Two sizes are made.

The smaller size contains 24 full size wood type cases (cases of wood construction) without center bar; size of cases, 30 $\frac{5}{8}$ x15 in. inside; each case with pull and mortised label holder. Floor space, 35x21 $\frac{1}{2}$ in. Height, 43 in. Approximate shipping weight: Steel, 400 lbs.; Wood, 325 lbs.



No. 12440 (IN STEEL); No. 2440 (IN WOOD) WITH GUMWOOD BACK

TYPE CABINET WORKING TOPS

MADE IN BOTH STEEL AND WOOD

Working Tops, as shown in illustrations of Type Cabinets Nos. 12005, 12010, 12020 and 12030, are supplied separately in single-tier or double-tier size, as desired; also of the same design in



No. 2105 (IN WOOD); No. 12105 (IN STEEL)

wood construction. Top as shown on No. 12040 Cabinet supplied in double-tier size only. When tops only are specified, the swinging trays, copy drawers and wiring are omitted, unless specifically ordered. Flat tops should be taken off when working top is added. Following is a list of available tops:

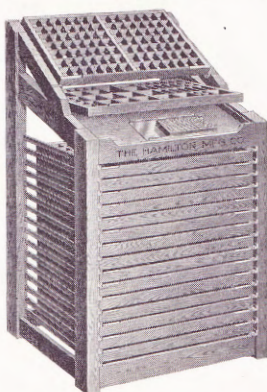
No. of Standard Top	For Design See Illustration of Cabinet No.	Catalogue Page No.	Approx. Shipping Weight Top only	No. of Standard Top	For Design See Illustration of Cabinet No.	Catalogue Page No.	Approx. Shipping Weight Top only
12105	12005	1068	235 lbs.	2115	2020	1069	160 lbs.
2105	2005	1068	190 lbs.	12120	12025	1069	125 lbs.
12100	12000	1068	160 lbs.	2120	2025	1069	80 lbs.
2100	2000	1068	105 lbs.	12130	12030	1070	260 lbs.
12140	12010	1069	395 lbs.	2130	2030	1070	180 lbs.
2140	2010	1069	300 lbs.	12125	12035	1070	130 lbs.
12135	12015	1069	260 lbs.	2125	2035	1070	90 lbs.
2135	2015	1069	190 lbs.	12124	12040	1071	225 lbs.
12115	12020	1069	225 lbs.	2124	2040	1071	150 lbs.

For Cut-Cost Working Tops, Nos. 9011 and 542B, see page 1072

HAMILTON CITY CASE STANDS

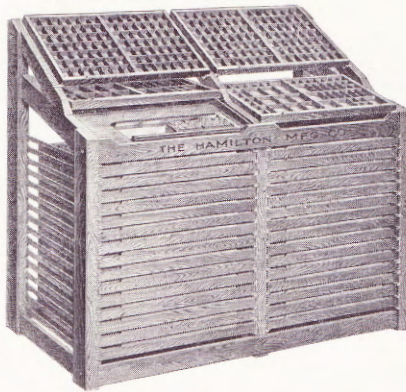
MADE IN WOOD ONLY

These are the most satisfactory case stands made. In less actual floor space they hold more cases than ordinary case stands. Under the lower case (which is easily shoved to the rear) is a shelf on which galleys may be placed for dumping or materials kept handy for work in hand.



No. 2566 CITY STAND, SINGLE TIER

No. 2566 City Case Stand carries 15 full size lip-front cases in rack and 2 cases on top. Height: in front, $43\frac{1}{2}$ in.; in rear, 62 in. Floor space, $36\frac{1}{2} \times 26\frac{1}{2}$ in. Approximate shipping weight, 55 lbs.



No. 2570 CITY CASE STAND, DOUBLE TIER

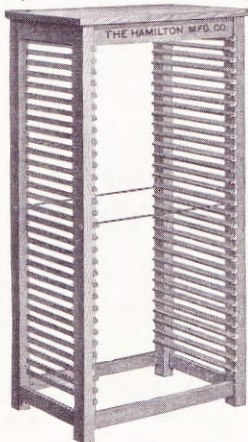
No. 2570 City Case Stand carries 30 full size lip-front cases in racks and 4 cases on top. Height: in front, $43\frac{1}{2}$ in.; in

rear, 62 in. Floor space, $70\frac{1}{4} \times 26\frac{1}{2}$ in. Approximate shipping weight (without cases), 100 lbs.

These are made of hardwood, without any finish. They are battened and shipped in knockdown condition, and are put together with bolts. Galley boards are included. Cases are not included.

HAMILTON WOODEN CASE RACKS

Case Racks are made in three heights, for full size lip-front type cases only. They are made of hardwood, without any finish, and are secured with battens and shipped in knockdown condition, with bed bolts for assembling and with flat tops which are screwed to top of racks. The 30-case rack is braced in center with two steel rods.



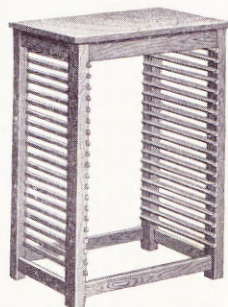
No. 2535 CASE RACK
FOR 30 FULL SIZE CASES

No. 2535 Case Rack for 30 full size cases, as illustrated. Floor space, $36 \times 20\frac{1}{2}$ in. Height, $79\frac{1}{4}$ in. Approximate shipping weight, 80 lbs.

No. 2525 Case Rack for 20 full size cases, as illustrated. Floor space, $36 \times 20\frac{1}{2}$ in. Height, $57\frac{1}{2}$ in. Approximate shipping weight, 60 lbs.

No. 2515 Case Rack for 12 full size cases. Floor space, $36 \times 20\frac{1}{2}$ in. Height, $43\frac{3}{4}$ in. Approximate shipping weight, 50 lbs.

Case Racks listed above are usually carried in stock for prompt delivery. They can also be supplied to order only with closed sides and backs without any finish; crated with battens only in knockdown condition.



No. 2525 CASE RACK
FOR 20 FULL SIZE CASES

HAMILTON IRON CASE RACKS

Similar in style to racks of wood construction, shown above, but made of wrought iron pipe with steel runs.

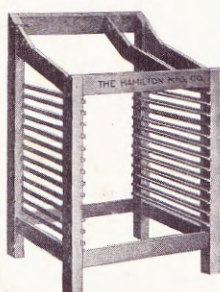
No. 12515 Single-Tier Iron Case Rack for 16 full size cases. Floor space, 35×21 in. Height, 43 in. Approximate shipping weight, 125 lbs.

No. 12517 Double-Tier Iron Case Rack for 32 full size cases. Floor space, 69×21 in. Height, 43 in. Approximate shipping weight, 225 lbs.

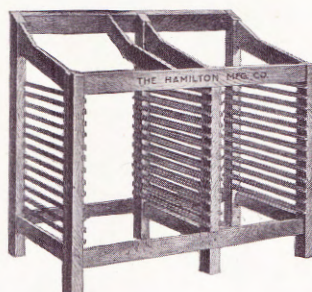
HAMILTON WOODEN CASE STANDS

These stands are made of hardwood, and have no finish. They are battened and shipped knock-down, with bolts for assembling.

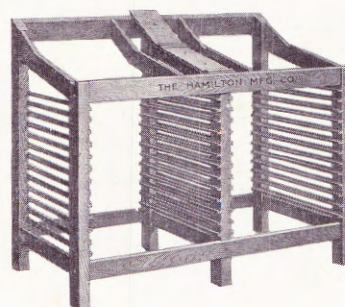
In addition to capacity of stands specified in table below, each single stand will accommodate one pair of cases on top, and each double stand will accommodate two pairs of cases on top.



No. 2543 CASE STAND



No. 2550 CASE STAND



No. 2560 CASE STAND

PARTICULARS OF WOODEN CASE STANDS

No.	Case Capacity	Style of Ends	Height, In.		Floor Space		Approx. Shipping Weight, lbs.
			At Front	At Rear	Width, In.	Depth, In.	
2541	12 Two-thirds Size	Open	45	56½	25½	26	45
*2542	12 Two-thirds Size	*Closed	45	56½	25½	26	65
2543	12 Full Size	Open	45	56½	36	26	45
*2545	12 Full Size	*Closed	45	56½	36	26	65
2550	12 Full Size and 12 Two-thirds Size	Open	45	56½	60	26	70
*2555	12 Full Size and 12 Two-thirds Size	*Closed	45	56½	60	26	90
2560	24 Full Size, with galley rest	Open	45	56½	70¼	26	80
*2565	24 Full Size, with galley rest	*Closed	45	56½	70¼	26	100

*Closed-End Case Stands are not usually kept in stock, therefore orders for them are subject to delay

W. I. PIPE CASE STANDS

MADE IN SINGLE AND DOUBLE TIER

No. 12560 Double-Tier Case Stand is shown in illustration. Frame is of pipe construction, open ends and back. Top will accommodate two pairs of news cases and has galley rest in center. Body of stand will accommodate 16 full size lip-front cases in each tier (total of 32 cases in two tiers). Floor space, 69x21 in. Height at front, 43 in.; height over all, 58 in. Approximate shipping weight, 300 lbs.

No. 12543 Single-Tier Case Stand, same design as No. 12560, but has only one-half the capacity, and has no galley rest. Floor space, 35x21 in. Approximate shipping weight, 185 lbs.

Cases are not included. These stands not carried in stock.



No. 12560 CASE STAND (DOUBLE TIER)
No. 12543 CASE STAND (SINGLE TIER)

DECREASING SALES OF CASE STANDS AND RACKS

Although open-end Case Stands and Racks are kept in stock at our Selling Houses the sales of them are decreasing. Because of their cheapness, Case Stands and Racks may help the beginner of limited means to gain a business foothold, but wherever floor space brings a high price, no printer can afford to continue the use of them.

HAMILTON TYPE CASES

Type cases are made in three sizes. Full size is $32\frac{3}{16} \times 16\frac{5}{8}$ in. over all. Two-thirds size is $21\frac{3}{4} \times 16\frac{5}{8}$ in. over all. Quarter size is $15\frac{1}{8} \times 7\frac{3}{8}$ in. over all, and four of them fit in a No. 2701 full size Blank Case, which is made specially with flush bottom to carry them without their contents rubbing on the case above them in type cabinets. Type cases are $1\frac{1}{16}$ in. deep inside.

All cases, except No. 2711 Indexed Electrotypes Case (which has a cabinet front), have lip fronts, as illustrated. Cabinet fronts for the most used kinds of cases will be supplied on special order, but are not usually kept in stock. Cabinet front cases are sold with varnished fronts and mortised label holders and pulls, unless otherwise ordered.

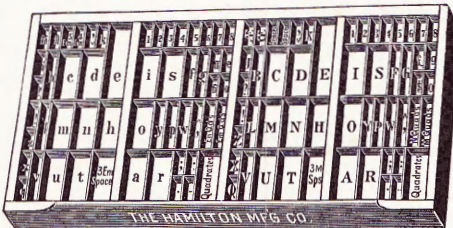
All cases are sold singly, as required. Bulk stocks of cases are carried in crates containing ten cases of one kind.



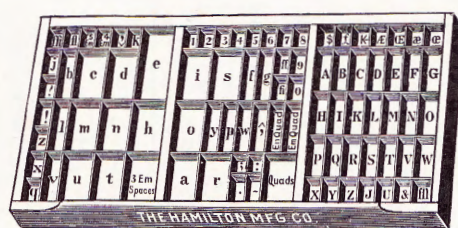
No. 2720 FULL SIZE CAP CASE



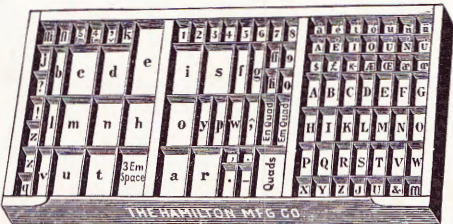
No. 2725 FULL SIZE LOWER CASE



No. 2730 FULL SIZE DOUBLE LOWER CASE



No. 2735 FULL SIZE CALIFORNIA JOB CASE



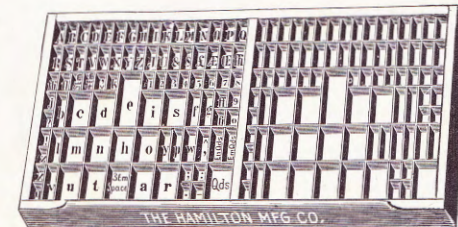
No. 2740 FULL SIZE ITALIC CASE



No. 2745 FULL SIZE NEW YORK IMPROVED JOB CASE



No. 2750 FULL SIZE YANKEE JOB CASE



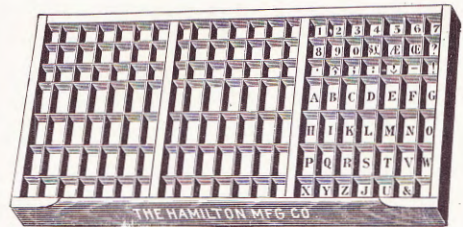
No. 2755 FULL SIZE DOUBLE YANKEE JOB CASE

HAMILTON TYPE CASES

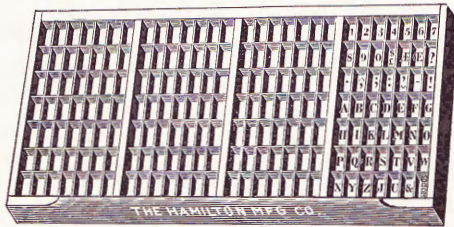
Continued



No. 2765 FULL SIZE WELLS JOB CASE



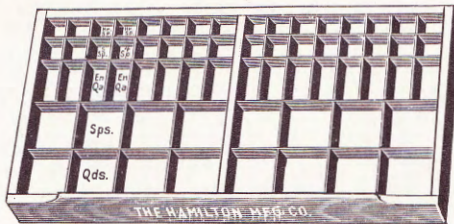
No. 2770 FULL SIZE TRIPLE CASE



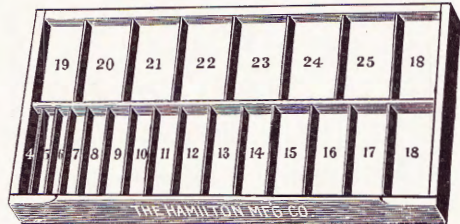
No. 2775 FULL SIZE QUADRUPLE CASE



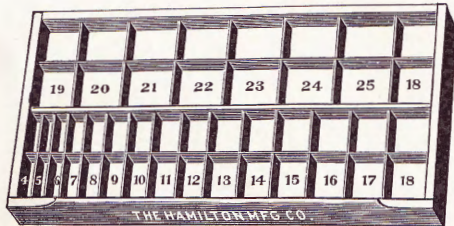
No. 2785 FULL SIZE FIGURE CASE



No. 2795 FULL SIZE IMPROVED SPACE AND QUAD CASE



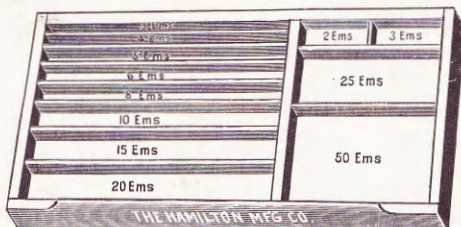
No. 2800 FULL SIZE LEAD OR SLUG CASE



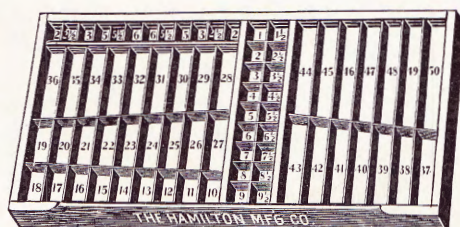
No. 2805 FULL SIZE MORGAN LEAD AND SLUG CASE



No. 2815 FULL SIZE ADJUSTABLE LEAD AND SLUG CASE
Single Depth



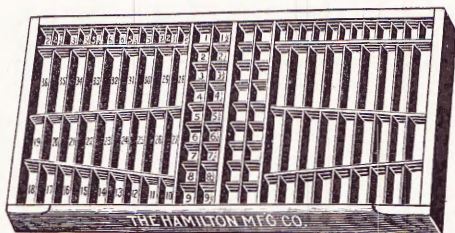
No. 2820 FULL SIZE METAL FURNITURE CASE



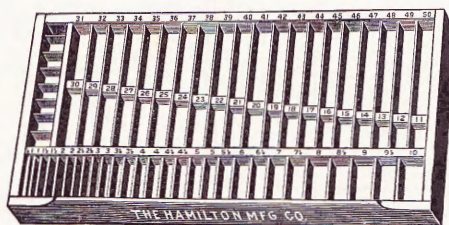
No. 2830 FULL SIZE ORDINARY RULE CASE

HAMILTON TYPE CASES

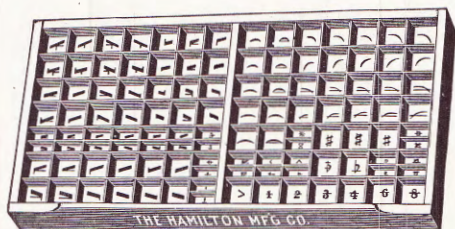
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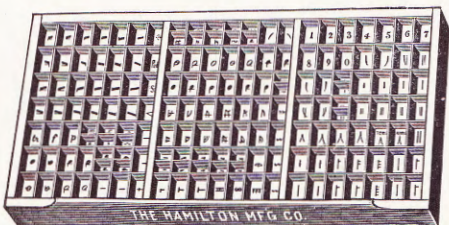
No. 2835 FULL SIZE FURNEAUX RULE CASE
For two fonts



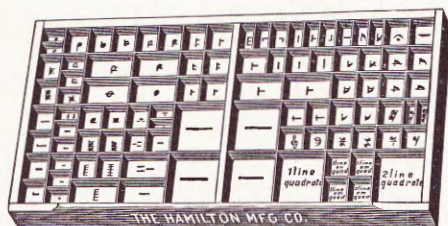
No. 2845 FULL SIZE HARMS RULE CASE
Best arrangement



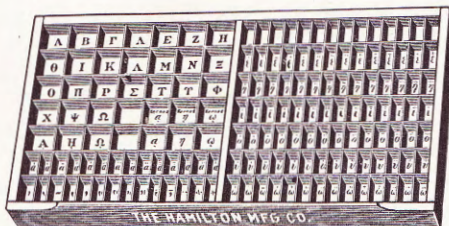
No. 2847 FULL SIZE MUSIC CASE, UPPER



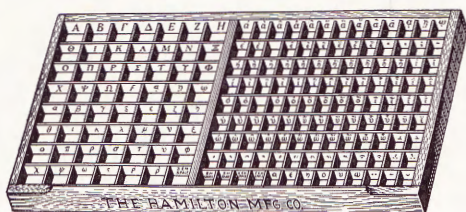
No. 2848 FULL SIZE MUSIC CASE, SIDE



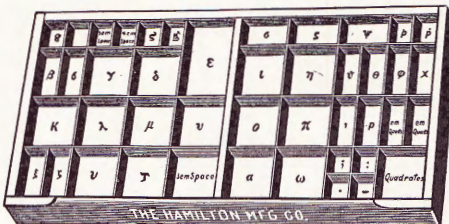
No. 2849 FULL SIZE MUSIC CASE, LOWER



No. 2769 FULL SIZE PORSON GREEK CASE



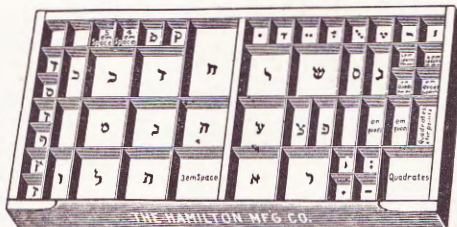
No. 2767 FULL SIZE GREEK CAP CASE



No. 2768 FULL SIZE GREEK LOWER CASE



FULL SIZE HEBREW CAP CASE; SAME AS No. 2720



FULL SIZE HEBREW LOWER CASE; SAME AS No. 2725

HAMILTON TYPE CASES

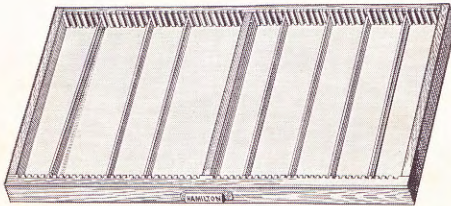
Continued



No. 2701 FULL SIZE BLANK CASE
Made specially to hold quarter cases



No. 2706 FULL SIZE BLANK CASE WITH CENTER BAR



No. 2711 FULL SIZE INDEXED CUT CASE
Made cabinet front only

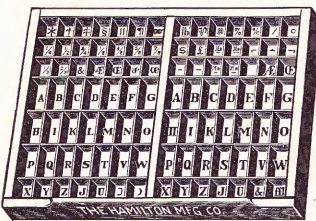


No. 2715 FULL SIZE WOOD TYPE CASE
Adjustable bars

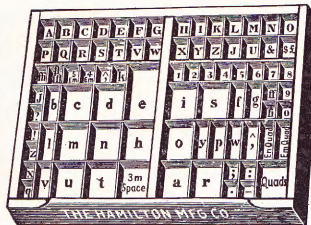
TWO-THIRDS SIZE CASES

Two-thirds cases are recommended for use in binderies and small rubber stamp works, and for card printers in confined quarters—but not for use in growing printing offices.

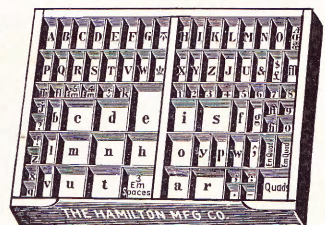
Beginners in printing, with small means, will find the purchase of full size cases more economical in practice, while the smaller cases will handicap them eventually. The diminishing sales of two-thirds type cases proves that printers are learning by experience that full size cases are more practicable.



No. 2850 TWO-THIRDS CAP CASE

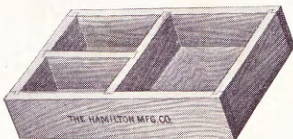


No. 2855 TWO-THIRDS YANKEE
JOB CASE

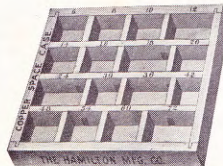


No. 2865 TWO-THIRDS CALIFORNIA
JOB CASE

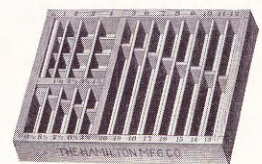
MISCELLANEOUS CASES



No. 3185 INDIVIDUAL LEADER BOX
Size, 8x5x1 1/4 in.
Holds 5 lbs. of leaders
Best way to carry leaders



No. 3195 THIN SPACE CASE
Size, 6 1/4 x 6 in.
For copper or brass spaces



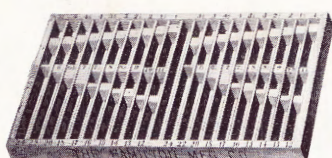
No. 3197 MIDGET LEAD CASE
Size, 5x7 1/4 in.
Useful for 1 pt. leads or rules

HAMILTON QUARTER SIZE BRASS RULE CASES

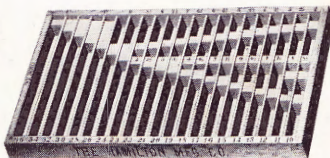
Quarter size cases are among the most convenient accessories of a composing room. They lend themselves admirably to individual use when a compositor is doing tabular work, as a case may be put on his working bank without inconvenience. They are step-savers and space-savers.

Size is $7\frac{7}{8} \times 15\frac{1}{8}$ in.; four fit in a No. 2701 Blank Case. Many drawers are provided for quarter size cases in our Cut-Cost System of Printing Plant Equipment.

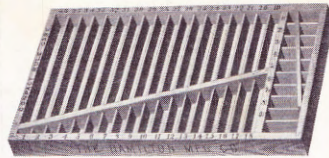
For prices of fonts of brass rules to fill these cases see pages 864 and 865.



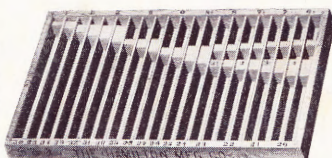
No. 3005 QUARTER SIZE RULE CASE



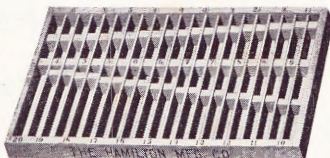
No. 3010 QUARTER SIZE RULE CASE



No. 3045 QUARTER SIZE RULE CASE



No. 3020 QUARTER SIZE RULE CASE



No. 3015 QUARTER SIZE RULE CASE

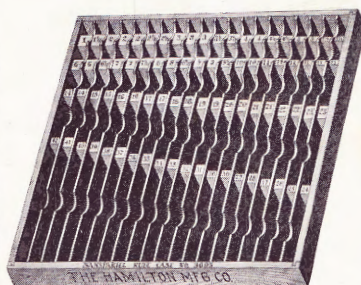


No. 3060 QUARTER SIZE RULE CASE

PARTICULARS OF QUARTER SIZE BRASS RULE CASES

No.	Contents Capacity Lbs.	Contents of Cases (all figures inclusive), and how graduated	Approx. Shipping Weight
3005	16	For two 8 lb. fonts: (if of 2 pt. rule) each font containing 18 pieces each 1-9 picas (by ens) and 10-18 picas (by ems), with compartments for 20, 22 and 24 picas. . . .	19 ozs.
3010	16	36 pieces (2 pt. rule) each 1-9 picas (by ens) and 18 pieces each 10-24 (by ems), with compartments for 26, 28, 30, 32, 34 and 36 picas	19 ozs.
3015 & 3020	32	Two quarter cases to be used together, holding of 2 pt. rule 72 pieces each 1-5½ picas; 144 pieces 6 picas; 72 pieces 6½-9 picas (by ens); 36 pieces 10-19 picas; 54 pieces 20 picas; and 36 pieces 21-23 picas; and 18 pieces 24-36 picas (by ems)	3 lbs.
3045	16	20 pieces (2 pt. rule) each 1-9½ picas (by ens) and 10-36 picas (by ems), with five compartments for short miters.	17 ozs.
3060	16	40 pieces (2 pt. rule) 1-7 picas; 17 pieces 7½-9½ picas (by ens); and 18 pieces 10-36 picas (by ems)	17 ozs.

HALF SIZE RULE CASE



No. 3095 SANSPAREIL RULE CASE

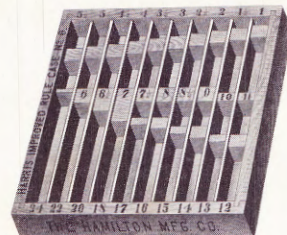
4 and 5 picas; 40 pieces 6, 7, 8, 9-23, 30 picas; and 20 pieces 24-29, 31-42 picas (by ems). Contents capacity is 33 lbs. Size, $14\frac{3}{4} \times 15\frac{1}{8}$ in.; weight, $2\frac{1}{2}$ lbs.

Two of these fit into No. 2701 Blank Case. It holds (of 2 pt. rule) 80 pieces each 1, $1\frac{1}{2}$, $2\frac{1}{2}$, $5\frac{1}{2}$ picas and 20 pieces $6\frac{1}{2}$, $7\frac{1}{2}$, $8\frac{1}{2}$, $9\frac{1}{2}$ picas (by ens); 120 pieces 2 and 3 picas; 80 pieces

EIGHTH SIZE RULE CASE

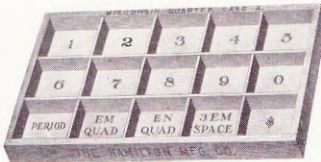
For special fonts of rule or 1 pt. leads for individual use by compositors. Eight of them fit into a No. 2701 Blank Case. It holds 20 pieces each (of 2 pt. rule) 1-9 picas (by ens) and 10-18 picas (by ems) and 20, 22, 24 picas. Size, $7\frac{7}{8} \times 7\frac{1}{2}$ in.; weight, 10 oz.

Drawers to hold several of these useful cases are provided in Cut-Cost Cabinets.

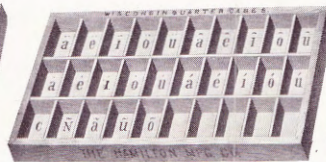


No. 3097 EIGHTH SIZE CASE

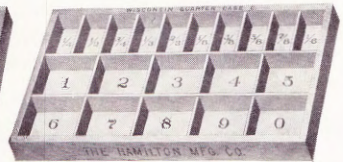
HAMILTON QUARTER SIZE CASES



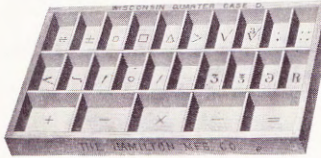
No. 3025 QUARTER CASE



No. 3030 QUARTER CASE



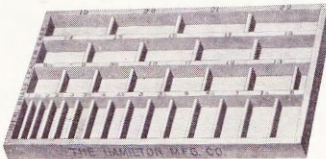
No. 3035 QUARTER CASE



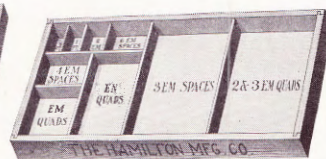
No. 3040 QUARTER CASE



No. 3080 QUARTER BORDER CASE



No. 3055 QUARTER CASE FOR
BRASS LEADERS



No. 3065 QUARTER SPACE AND
QUAD CASE

No. 3025 is for special figures and spaces and quads.

No. 3030 is for accented letters, split fractions, ornaments, etc.

No. 3035 is for special figures and fractions, ornaments, etc.

No. 3040 is for holding signs, accents, split fractions, special figures, etc.

No. 3055 holds 10 lbs. of brass leaders. Compartments for all lengths from 1 to 22 pica ems. Variations by half picas from 1 to 9½, by picas from 10 to 22 picas.

No. 3065 will hold a 10 lb. font of spaces and quads of any body.

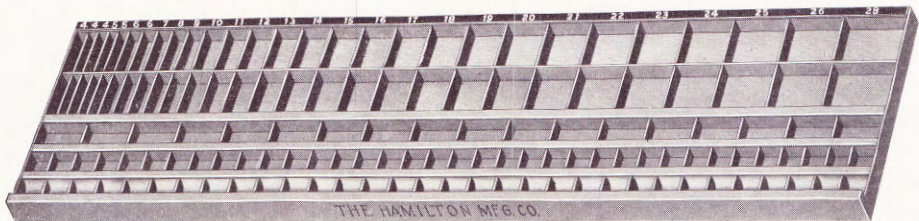
No. 3080 is for borders, with partitions adjustable in both directions. A most useful case.

UTILITY OF QUARTER AND EIGHTH SIZE CASES

An efficient composing room is one that has "a place for everything and everything in its [proper] place." This standard under present conditions cannot be easily attained without using the admirable little economizers shown on this and the opposite page.

HAMILTON SPACING MATERIALS CASES

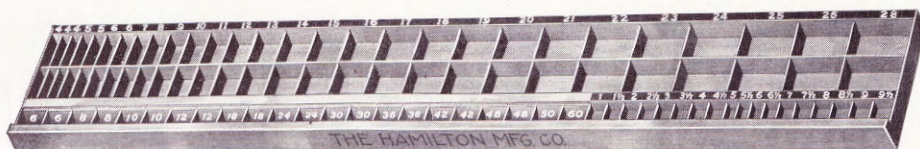
MADE IN BOTH STEEL AND WOOD



No. 13225 (IN STEEL); SIZE OUTSIDE, 70x17 IN. No. 3225 (IN WOOD); SIZE OUTSIDE, 72x18 IN.

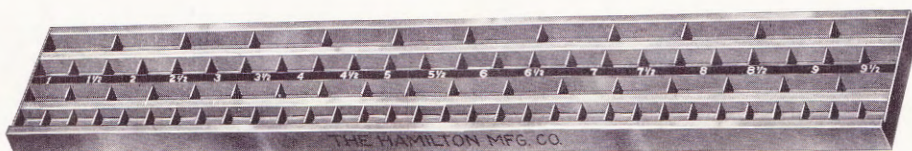
For use on lower working banks on type-setting and make-up cabinets and tops. The 32 compartments of the front row are of equal size. These compartments are for thin brass and copper spaces. The next two rows of compartments are for spaces and quads, arranged in series of three compartments, or in series of six compartments by doubling up. At the rear are duplicate compartments for leads and slugs, for lengths from 4 to 26 picas varying by picas; also duplicate compartments for 28 pica lengths. Depth of these compartments provides for the storage of leads and slugs two tiers deep. Metal number strip designating lengths.

HAMILTON SPACING MATERIALS CASES—Continued



No. 13215 (IN STEEL); SIZE OVER ALL, 70X10 IN. No. 3215 (IN WOOD); SIZE OVER ALL, 72X10 IN.

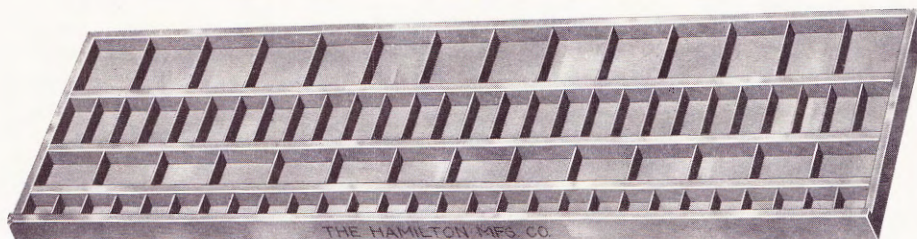
Contains duplicate compartments for leads and slugs from 4 to 26 picas varying by picas; also duplicate compartments for 28 pica lengths. The material may be stacked two tiers deep. At the front on the left is a row of 22 compartments of equal size, with rounded bottoms, for thin brass and copper spaces or other spacing materials. At the right is a series of 18 compartments for short lengths of leads from 1 to $9\frac{1}{2}$ picas varying by half picas. The lengths from 1 to $4\frac{1}{2}$ picas are thrown loosely into the compartments; the other lengths from 5 to $9\frac{1}{2}$ picas are stacked in compartments in the usual manner.



No. 13220 (IN STEEL); SIZE OVER ALL, 70X10 IN. No. 3220 (IN WOOD); SIZE OVER ALL, 72X10 IN.

The front row of 32 round-bottom compartments is for thin brass and copper spaces or other spacing materials. The second row, consisting of 18 compartments, is for short length leads from 1 to $9\frac{1}{2}$ picas varying by half picas. The two back rows of compartments are for spaces and quads, accommodating six sizes, with six compartments for each size. Metal number strip designating lengths.

HAMILTON SPACE AND QUAD CASES

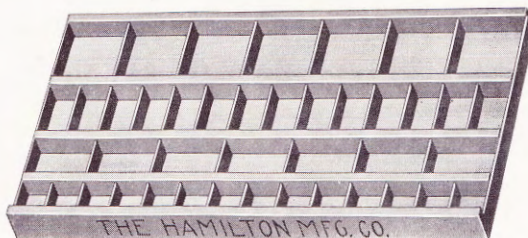


No. 13260 (IN STEEL); SIZE OVER ALL, 70X17 IN.; 2 IN. DEEP No. 3260 (IN WOOD); SIZE OVER ALL, 72X18 IN.; 2 IN. DEEP

No. 3260 (Wood) or 13260 (Steel) will hold 14 sizes of spaces and quads. They are the length of double-tier type cabinets or case stands and are designed to be placed on tops of same.

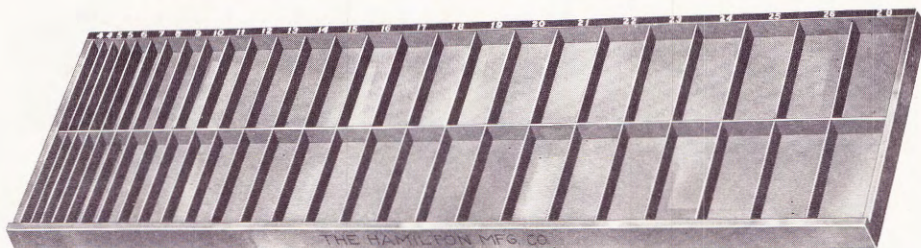
No. 3270 (Wood) or 13270 (Steel) will hold 7 sizes of spaces and quads. Same length as of single-tier type cabinets or case stands and designed to be placed on tops of same.

Scarcity of spaces and quads does more to slow up hand composition than any other thing. It is far from being enough to provide spaces and quads to fill the type cases.



No. 13270 (IN STEEL); SIZE OVER ALL, 35X17 IN.; 2 IN. DEEP
No. 3270 (IN WOOD); SIZE OVER ALL, 36X18 IN.; 2 IN. DEEP

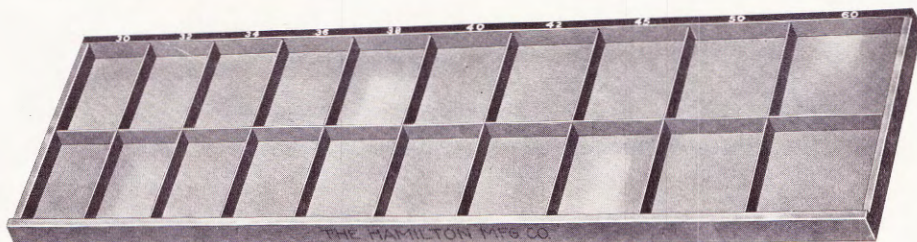
HAMILTON LEAD AND SLUG CASES



No. 13230 (IN STEEL); SIZE OVER ALL, 70x17 IN.
No. 3230 (IN WOOD); SIZE OVER ALL, 72x18 IN.

No. 13210 (IN STEEL); SIZE OVER ALL, 70x10 IN.
No. 3210 (IN WOOD); SIZE OVER ALL, 72x10 IN.

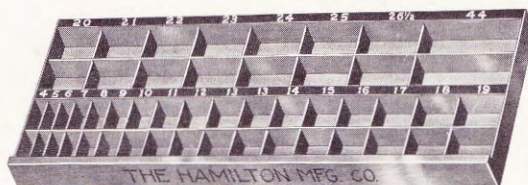
Made in two sizes, each in steel and in wood, as above. Each size has duplicate compartments for leads and slugs in lengths 4 to 26 picas varying by picas; also duplicate compartments for 28 pica lengths. Leads and slugs may be stacked in two tiers.



No. 13235 (IN STEEL); SIZE OVER ALL, 70x17 IN.
No. 3235 (IN WOOD); SIZE OVER ALL, 72x18 IN.

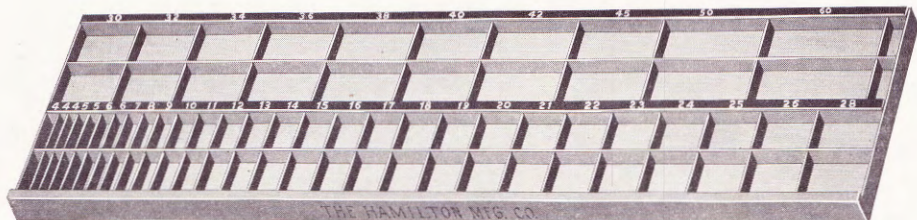
No. 13238 (IN STEEL); SIZE OVER ALL, 70x10 IN.
No. 3238 (IN WOOD); SIZE OVER ALL, 72x10 IN.

Companion cases to Nos. 13230, 3230, 13238 and 3238; made in two sizes, each in steel and in wood, as above, for lengths from 30 to 60 picas. Leads and slugs may be stacked two tiers deep.



No. 13205 (IN STEEL); SIZE OVER ALL, 35½x12 IN.
No. 3205 (IN WOOD); SIZE OVER ALL, 35½x12 IN.

Nos. 13205 (Steel) and 3205 (Wood) contain duplicate compartments for leads and slugs from 4 to 25 picas varying by picas; additional duplicate compartments for 26½ and 44 pica lengths. The material may be stacked two tiers deep. Metal number strips designating lengths. Designed to be placed on a single-tier top of type cabinet.

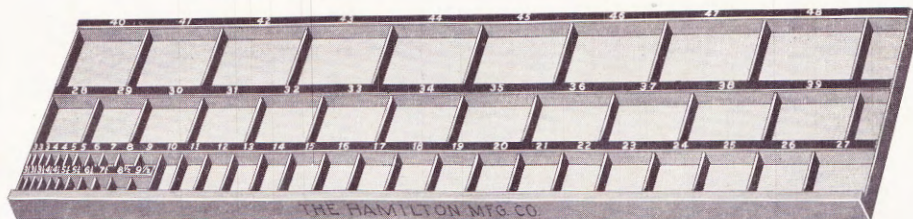


No. 13240 (IN STEEL); SIZE OVER ALL, 70x17 IN.
No. 3240 (IN WOOD); SIZE OVER ALL, 72x18 IN.

No. 13243 (IN STEEL); SIZE OVER ALL, 70x10 IN.
No. 3243 (IN WOOD); SIZE OVER ALL, 72x10 IN.

Made in two sizes, each in wood and in steel, as above. Each size has duplicate compartments for leads and slugs in lengths from 4 to 26 picas varying by picas; also duplicate compartments for 28 pica lengths; also duplicate compartments for lengths, 30, 32, 34, 36, 38, 40, 42, 45, 50 and 60 picas. Leads and slugs may be stacked two tiers deep.

HAMILTON LEAD AND SLUG CASES—Continued

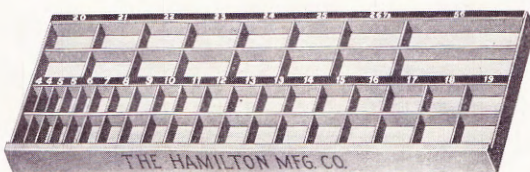


No. 13245 (IN STEEL); SIZE OVER ALL, 70x17 IN. No. 3245 (IN WOOD); SIZE OVER ALL, 72x18 IN.

This case will accommodate leads or slugs from 3 to 9½ picas with variations by half picas; and from 10 to 48 picas with variations by picas. The material may be stacked two tiers deep.

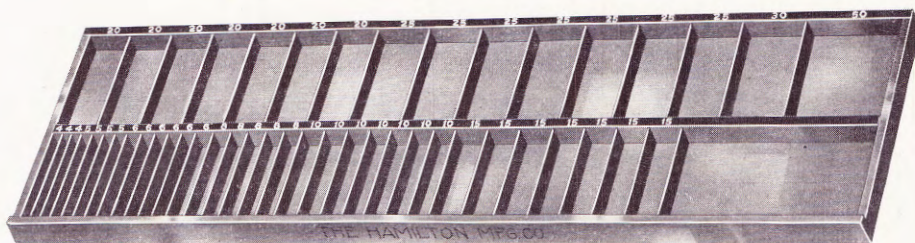
Case shown at right is made in two depths from front to back, 10 in. and 12 in., and contains duplicate compartments for leads and slugs from 4 to 25 picas varying by picas; additional duplicate compartments for 26½ and 56 pica lengths. The material may be stacked two tiers deep.

These cases are for placing on the auxiliary banks of type cabinets of designs which do not permit the addition of a full length lead and slug case.



No. 13200 (IN STEEL); SIZE OVER ALL, 36¾x10 IN.
No. 3200 (IN WOOD); SIZE OVER ALL, 38¾x10 IN.
No. 13203 (IN STEEL); SIZE OVER ALL, 37½x12 IN.
No. 3203 (IN WOOD); SIZE OVER ALL, 38¾x12 IN.

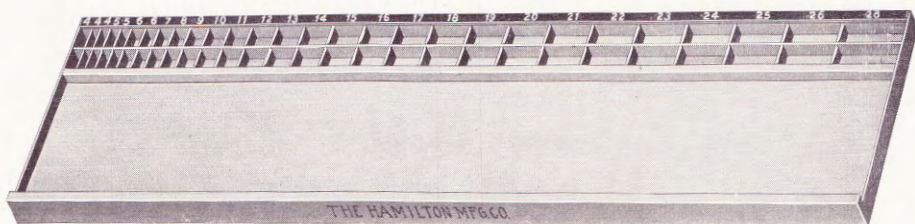
HAMILTON METAL FURNITURE CASE



No. 13255 (IN STEEL); SIZE OVER ALL, 70x17 IN. No. 3255 (IN WOOD); SIZE OVER ALL, 72x18 IN.

Made in both wood and steel. It contains 49 compartments, triple depth, for metal furniture in lengths of 4, 5, 6, 8, 10, 15, 20, 25, 30, 40 and 50 picas.

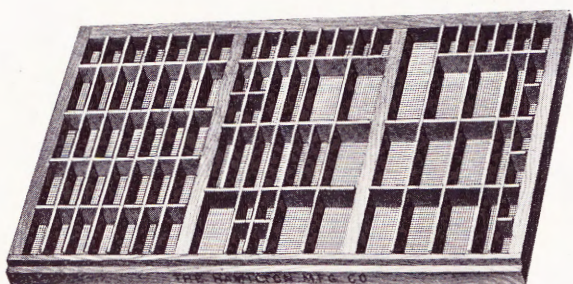
HAMILTON WORKING BANK



No. 13250 (IN STEEL); SIZE OVER ALL, 70x17 IN. No. 3250 (IN WOOD); SIZE OVER ALL, 72x18 IN.

This case contains duplicate compartments for leads and slugs in lengths from 4 to 26 picas varying by picas; also duplicate compartments for 28 pica lengths. Leads and slugs may be stacked two tiers deep. The working bank section is ⅝ in. deep, and 10⅞ in. from front to back.

HAMILTON TRANSFER AND SIFTER CASE



No. 2950 FULL SIZE CALIFORNIA JOB PATTERN

Made to order to fit any style and size of type case. Makes cost of transferring types from old to new cases negligible. Has stout wire screen bottom. Slats are made to fit against slats in case, so that types may be instantly and safely transferred from one type case to another of same kind, or for the purpose of sifting dust from the types and returning dustless types to the case from whence transferred. A vigorous shake and the dust falls out.

LABEL HOLDERS, NUMBER PLATES, ETC.

All cabinet front wooden type cases have mortised label holders, as shown in cut at right, and all steel front type cases have label holders.

The cut shown at right illustrates an inexpensive method of numbering type cases consecutively. A better method than the consecutive is to number type cases in cabinets, A-1 to A-48, B-1 to B-48, and so on, affixing a symbol letter (No. 6103, below) to each cabinet. We recommend the symbol letter system.

No. 9001-K holds labels 1x4¼ in.; length over all is 5 in. Sold in boxes each containing 100 label holders and blank cards, with tacks. Only one size made.

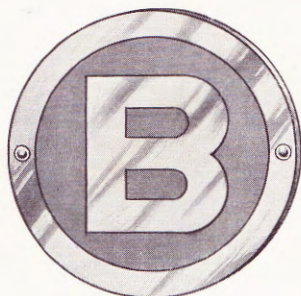
Celluloid Covers (No. 6110) for all sizes of label holders are sold separately in packages of 50. No. 9001-K takes the printed labels furnished (on request) for type series made by American Type Founders Company.



Shows best and most economical method of numbering type cases consecutively



No. 9001-K AMERICAN BRASS LABEL HOLDER



No. 6103 SYMBOL LETTERS

Cut is actual size; sold singly by the letter, A to Z.

Made of brass; letter has red background.



BRASS LABEL HOLDER

No. 6079; SIZE 1x3 IN. No. 6088; SIZE 1x4½ IN.
No. 6082; SIZE 1x3½ IN. No. 6091; SIZE 1x5 IN.
No. 6085; SIZE 1x4 IN. No. 6094; SIZE 1x5½ IN.

Sold in packages of 100, with cards and tacks.

These steel number plates are made to order only. The figure is white on black background. The cut is actual size. These number plates are most durable.

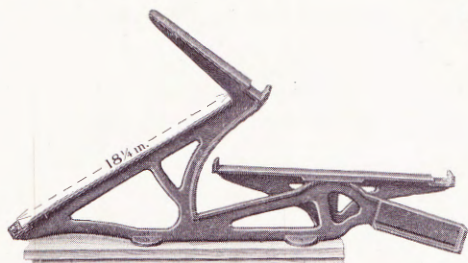


No. 6100 STEEL NUMBER PLATES

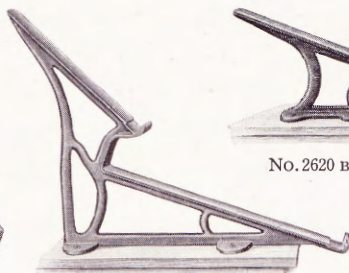
HAMILTON CASE AND GALLEY BRACKETS

CAST IN MALLEABLE IRON

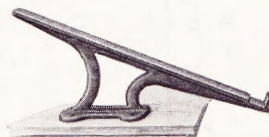
The illustrations explain themselves, for the most part. The use of a pair of case brackets will save the cost of a case stand in an emergency. No. 2635 affords an admirable support for sloping shelving. No. 2590 will hold a bank or spacing materials or lead case in rear of a pair of cases.



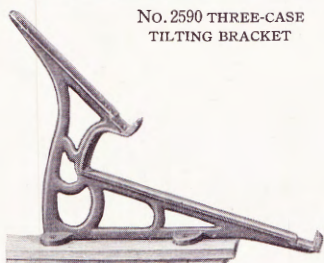
No. 2590 THREE-CASE
TILTING BRACKET



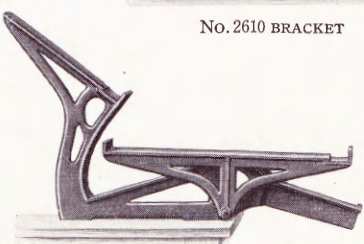
No. 2610 BRACKET



No. 2620 BRACKET



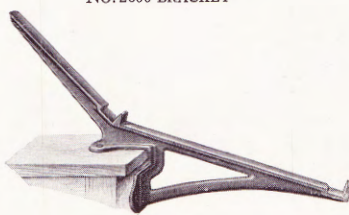
No. 2600 BRACKET



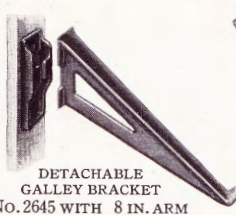
No. 2605 TILTING BRACKET



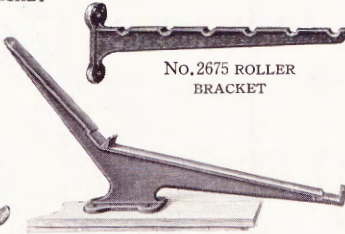
No. 2635 BRACKET



No. 2625 BRACKET



DETACHABLE
GALLEY BRACKET
No. 2645 WITH 8 IN. ARM
No. 2650 WITH 10 IN. ARM
No. 2655 WITH 12 IN. ARM

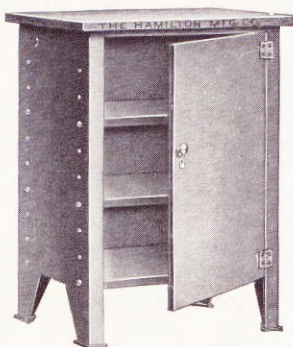


No. 2675 ROLLER
BRACKET

No. 2615 BRACKET

HAMILTON WORK BENCH AND STORAGE CABINET

MADE IN STEEL ONLY



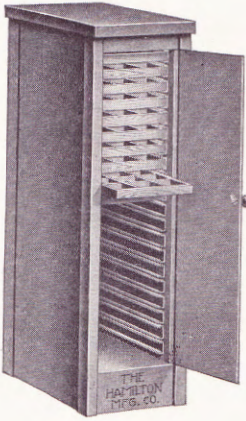
No. 13646 WORK BENCH AND
STORAGE CABINET

Illustration shows No. 13646 Work Bench and Storage Cabinet, which is of standard steel construction throughout, except top which is of selected rock maple, $1\frac{1}{16}$ in. thick.

Shelves are adjustable on three-inch centers, and two are supplied with each cabinet. (Illustration shows shelves spaced to provide three compartments, each $8\frac{1}{2} \times 24\frac{1}{2} \times 14\frac{3}{4}$ in.) Compartments accommodate full length (24 in.) strip material, and there is in addition ample storage space for tools, brushes, etc. Door has knob and lock with key.

The top is a convenient place for the lead and rule cutter and the mitering machine.

Top has natural wood finish; body, olive green baked enamel. Height, $36\frac{1}{4}$ in. Floor space, $30\frac{3}{4} \times 18$ in. Approximate shipping weight, 120 lbs.



No. 13420 (IN STEEL)
No. 3420 (IN WOOD)

HAMILTON QUARTER CASE CABINET

MADE IN BOTH STEEL AND WOOD

No. 13420 Steel Cabinet, illustrated, contains runs for the accommodation of 20 quarter cases, all enclosed by a hinged door with catch. All standard quarter cases will fit this cabinet. Cases are extra.

Floor space, $10\frac{3}{4} \times 18\frac{1}{4}$ in. Height, $38\frac{1}{4}$ in. Approximate shipping weight: Steel, 125 lbs.; Wood, 90 lbs.

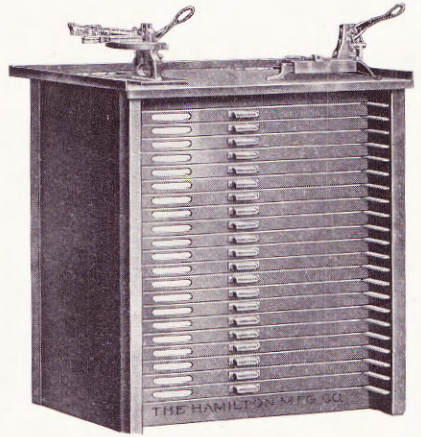
Quarter cases are better than any other kind of receptacle for carrying brass rules, signs, special figures, borders, and other auxiliaries. These items in quarter cases are brought within arm's reach of the compositor who needs them. The cases need to be kept in a cabinet where they may be found readily when required.

HAMILTON LEAD AND RULE CUTTER CABINET

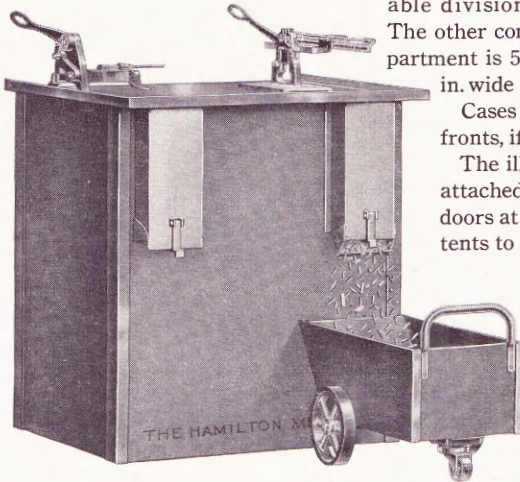
MADE IN BOTH STEEL AND WOOD

A cabinet in which miscellaneous auxiliary materials can be stored, and where the mitering machine, lead and rule cutter, and other tools can be conveniently located, ready for instant use. The working top, to which mitering and cutting machines can be secured, has two openings leading to slug bins attached to back of cabinet, and is surrounded by a $\frac{5}{8}$ in. rim on three sides. This prevents the filings and clippings and other litter from falling to the floor.

Illustrations show No. 13651 Steel Cabinet, which has ten No. 2815 adjustable lead and slug cases; four blank cases to hold quarter cases; seven special cases for strip leads and rules, each divided into two compartments; one compartment $24\frac{1}{4}$ in. long, for full length material. The sides of one compartment are slotted for adjustable divisions. The other compartment is $5\frac{3}{8}$



No. 13651 (IN STEEL); No. 3651 (IN WOOD)
For rear view, see cut below



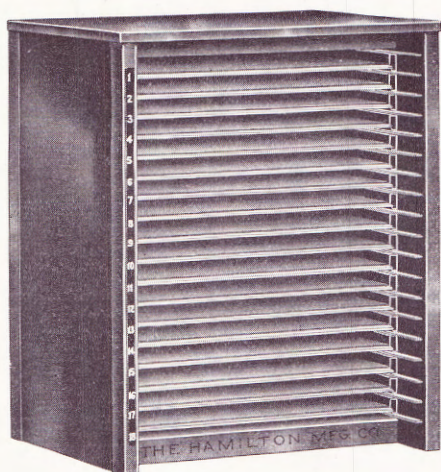
No. 13651 (IN STEEL); No. 3651 (IN WOOD)
REAR VIEW, SHOWING METHOD OF EMPTYING CONTENTS
OF METAL CHUTES INTO TRUCK

in. wide for the storage of miscellaneous materials. Cases have pulls and mortised label holders. Steel fronts, if wanted, are extra.

The illustration at left shows two metal slug bins attached to the back of the cabinet. These bins have doors at bottom, which, when opened, allow the contents to drop into the truck below.

The rule cutter and mitering machine and waste metal truck (No. 13485), although shown in the illustration, are not included with the cabinet, and need to be ordered separately, if required.

Finish: Steel, olive green baked enamel, except the top which is black; Wood, antique. Floor space (without metal truck), $35 \times 25\frac{3}{4}$ in. Height to working surface, $38\frac{3}{8}$ in. Approximate shipping weight: Steel, 500 lbs.; Wood, 325 lbs.



No. 12460 (IN STEEL); No. 2460 (IN WOOD)

Also made with smaller letterboards, as described at right

HAMILTON LETTERBOARD CABINETS

MADE IN BOTH STEEL AND WOOD

There are two sizes. The illustration shows No. 12460 Steel Letterboard Cabinet, with 18 full size steel letterboards, each $30\frac{3}{8} \times 16\frac{1}{2}$ in. inside. In wood construction, No. 2460, this cabinet has 17 full size wood letterboards, each $30\frac{3}{8} \times 15\frac{1}{8}$ in. inside.

No. 12450 Steel Letterboard Cabinet has 18 two-thirds steel letterboards, each $20\frac{1}{4} \times 16\frac{1}{2}$ in. inside. In wood construction, No. 2450, this cabinet has 17 two-thirds wood letterboards, each $20 \times 15\frac{1}{8}$ in. inside.

Floor space: full size cabinet, $35 \times 21\frac{1}{2}$ in.; two-thirds size cabinet, $24\frac{1}{2} \times 21\frac{1}{2}$ in. Height, 43 in. Approximate shipping weight: No. 12460 cabinet, 575 lbs.; No. 2460 cabinet, 425 lbs.; No. 12450 cabinet, 450 lbs.; No. 2450 cabinet, 350 lbs.

JOB LETTERBOARDS IN WOOD AND STEEL

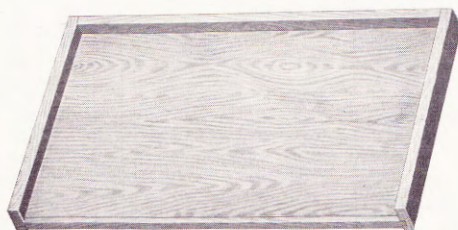


No. 12490
(IN STEEL)

In wood construction, selected hardwood is used, carefully jointed, and edges oiled. Back and sides are enclosed, and there is a rabbet in front.

In steel construction, heavy metal is used, giving perfect rigidity; finished in black. Back and sides are enclosed, and there is a rabbet in front.

The height inside of each letterboard, steel and wood, is 1 in.

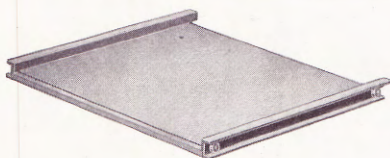


No. 2490 (IN WOOD)

No.	Steel or Wood	Outside Dimensions	Inside Dimensions	Approximate Shipping Weights	Height Over All
2480	Wood	$21\frac{3}{4} \times 16\frac{1}{8}$ in.	$20 \times 15\frac{1}{8}$ in.	9 lbs.	$1\frac{7}{8}$ in.
12480	Steel	$21\frac{3}{4} \times 16\frac{1}{8}$ in.	$20\frac{1}{4} \times 16\frac{1}{2}$ in.	10 lbs.	$1\frac{25}{32}$ in.
2485	Wood	$21\frac{3}{4} \times 20\frac{1}{2}$ in.	20×19 in.	11 lbs.	$1\frac{7}{8}$ in.
12485	Steel	$21\frac{3}{4} \times 20\frac{1}{2}$ in.	$20\frac{1}{4} \times 20\frac{3}{8}$ in.	12 lbs.	$1\frac{25}{32}$ in.
2490	Wood	$32\frac{3}{16} \times 16\frac{1}{8}$ in.	$30\frac{3}{8} \times 15\frac{1}{8}$ in.	13 lbs.	$1\frac{7}{8}$ in.
12490	Steel	$32\frac{3}{16} \times 16\frac{1}{8}$ in.	$30\frac{3}{8} \times 16\frac{1}{2}$ in.	14 lbs.	$1\frac{25}{32}$ in.
2495	Wood	$32\frac{3}{16} \times 20\frac{1}{2}$ in.	$30\frac{3}{8} \times 19$ in.	16 lbs.	$1\frac{7}{8}$ in.
12495	Steel	$32\frac{3}{16} \times 20\frac{1}{2}$ in.	$30\frac{3}{8} \times 20\frac{3}{8}$ in.	17 lbs.	$1\frac{25}{32}$ in.

HAMILTON NEWSPAPER LETTERBOARDS

These letterboards are made in one size, $29\frac{3}{4} \times 25$ in. over all, both in wood and steel construction.



No. 12500 (IN STEEL); No. 2500 (IN WOOD)

No. 12500 Steel Newspaper Letterboard is 28×24 in. inside; height, $1\frac{1}{4}$ in. No. 2500 Wood Newspaper Letterboard is also 28×24 in. inside; height, $1\frac{7}{8}$ in.

Side rails have one-inch extensions in rear, which rest on edge of the make-up surface when forms are transferred from surface to boards, sustaining the weight of the form and making the transfer safe and easy.

HAMILTON SORT CABINETS

MADE IN BOTH STEEL AND WOOD



No. 13468 (IN STEEL); No. 3468 (IN WOOD)

These cabinets are made in three sizes, uniform in height and width. The illustration shows largest size. In steel construction the drawers carry the steel removable sort boxes, illustrated below.

There are two styles of wood construction. In the better style, Nos. 3463, 3465 and 3468, the sorts are carried in the steel sort boxes. In the other style, each drawer is provided with seven adjustable partitions, giving eight compartments in each drawer, but no steel sort boxes.

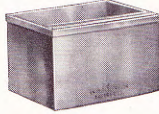
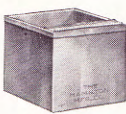
Steel sort boxes are not included with these cabinets; they need to be ordered separately, as required. Each drawer will hold 15 No. 13457 steel boxes or 10 No. 13458.

STEEL SORT BOXES (see illustration below): No. 13457 is 3x3x3 in., capacity 2¾ lbs.; No. 13458 is 3x4½x3 in., capacity 4¼ lbs. Boxes have label holders.

PARTICULARS OF HAMILTON SORT CABINETS, WOOD AND STEEL CONSTRUCTION

No.	Con- struction	Tiers of Drawers	Number of Drawers	Will Hold Steel Boxes		Maximum Capacity Lbs.	Dimensions of Cabinets			Approximate Shipping Weights with Boxes Lbs.
				*No. 13457	*No. 13458		Width In.	Depth In.	Height In.	
13463	Steel	1	10	150	100	415	13¼	21½	43	220
13465	Steel	2	20	300	200	830	25¾	21½	43	400
13468	Steel	3	30	450	300	1245	37	21½	43	525
3463	Wood	1	10	150	100	415	14	22½	42¾	175
3465	Wood	2	20	300	200	830	27½	22½	42¾	315
3468	Wood	3	30	450	300	1245	40½	22½	42¾	425
3463-P	Wood	1	10	No Steel Boxes required		415	14	22½	42¾	150
3465-P	Wood	2	20			830	27½	22½	42¾	270
3468-P	Wood	3	30			1245	40½	22½	42¾	350

* Number of steel boxes of one size only held in each cabinet. Cabinet No. 13463 holds 150 small boxes or 100 large boxes; or it will hold 50 large and 75 small boxes.



No. 13457 STEEL SORT BOX No. 13458 STEEL SORT BOX

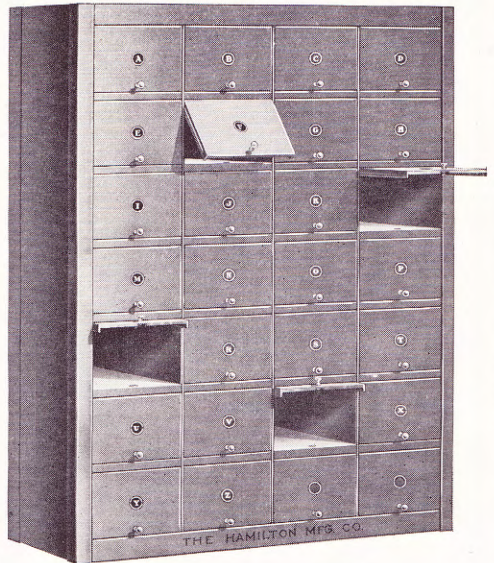
PLATE STORAGE CABINET

MADE IN STEEL ONLY

This cabinet is intended for use where cuts and electrotypes are stored in bulk, and is especially useful where it is desired to keep together all the cuts or electrotypes of a certain job. It is also useful for the storage of job tickets, proofs, dead copy, etc.

The cabinet contains 28 compartments, each measuring 9¼ x 14 x 18 in. inside. Each compartment has a disappearing door, and on each door is a symbol plate for indexing.

Floor space, 60⅞ x 19 in. Height, 74⅝ in. Approximate shipping weight, 885 lbs.



No. 12428 PLATE STORAGE CABINET

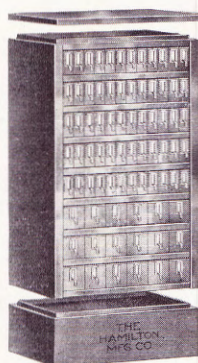
HAMILTON SECTIONAL UNIT SORT CABINET

MADE IN STEEL ONLY

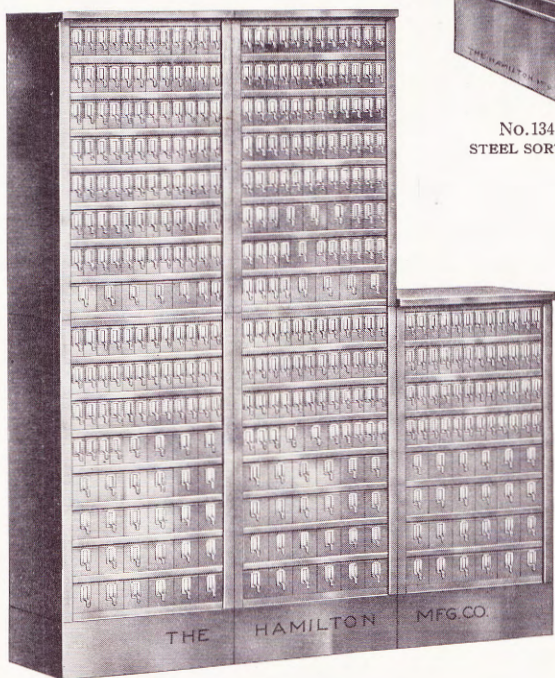
The illustration at the right shows a cap unit, cabinet unit and base unit. A single unit filled with boxes as shown by this illustration will hold 250 lbs. of sorts. Floor space, $20\frac{3}{8} \times 11\frac{1}{4}$ in. The illustration below shows three cap units, five cabinet units and three base units. Five units filled with boxes as shown by this illustration will hold 1250 lbs. of sorts. Floor space, $61 \times 11\frac{1}{4}$ in. (less than five square feet). Another cabinet unit adding 250 lbs. to capacity could be added to group of units shown without increasing floor space, making the capacity 1500 lbs., while the highest box is only $65\frac{1}{2}$ in. from the floor.

The illustrations of sort boxes show the three styles that are supplied with cabinet units. These boxes are made of steel, die stamped and electric welded, and are finished in olive green baked enamel to match units. Each cabinet unit will accommodate 48 large boxes or 96 small boxes. Two of the small boxes fill the same space as one large box.

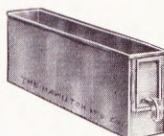
Approximate shipping weight of one cap unit, one base unit and one cabinet unit filled with sort boxes, 225 lbs; base, 30 lbs.; cap, 15 lbs.; cabinet unit, 150 lbs.



No. 13440 CABINET UNIT
No. 13445 CAP UNIT
No. 13450 BASE UNIT
No. 13452 SMALL BOXES
No. 13454 LARGE BOXES

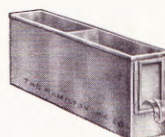


THIS ILLUSTRATION SHOWS FIVE CABINET UNITS,
THREE CAP UNITS AND THREE BASE UNITS



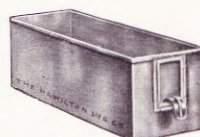
No. 13452
STEEL SORT BOX

No. 13452 Steel Sort Box
with label holder pull; size,
 $1\frac{1}{2} \times 3 \times 6$ in.; capacity, 2 lbs.
10 oz.



No. 13453
STEEL SORT BOX

No. 13453
Steel Sort Box
with label holder
pull; size,
 $1\frac{1}{2} \times 3 \times 6$ in.; ca-
pacity, 2 lbs. 8
oz. in the two
compartments.



No. 13454
STEEL SORT BOX

No. 13454
Steel Sort
Box with
label hold-
er pull;
size, $3 \times 3 \times 6$
in.; capaci-
ty, $5\frac{1}{4}$ lbs.

In labeling these sort boxes, it is
a good plan to number them con-
secutively as a further means of
keeping each box in its proper place.

When a box is emptied, the empty box should either be taken to the source of replenishment, or it may be returned to the cabinet upside down, as a signal to the replenisher that it needs attention.

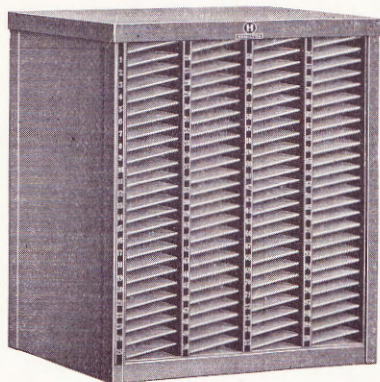
Unless these cabinets are placed back to back, they should be stood against a wall or partition, when they are arranged two stacks high, as in illustration above.

The space-saving quality of these cabinets is second only to their convenience and efficiency.

HAMILTON GALLEY CABINETS AND GALLEY TRUCKS

MADE IN BOTH STEEL AND WOOD

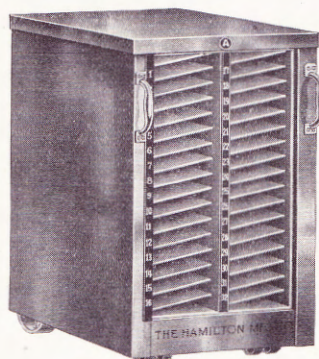
Galley Cabinet No. 13520, illustrated at left, in steel, holds 100 full length double column steel galleys on shelves. All galley openings numbered consecutively. The symbol letters are



No. 13520 (IN STEEL); No. 3520 (IN WOOD)

furnished without charge. See table below for all other sizes and styles in steel and wood.

Galley Truck No. 13505, illustrated at right, in steel, contains 32 shelves for full length double column steel galleys; all galley openings numbered consecutively on upright posts from 1 to 32. Symbol letters are



No. 13505 TRUCK (IN STEEL)
No. 3505 (IN WOOD)

furnished without charge. Galley Trucks are also made in both steel and wood for $8\frac{3}{4} \times 13$ in. galleys. See list below.

In steel, the finish is olive green baked enamel; in wood, antique. The numbers are white on black enamel.

STEEL GALLEY CABINETS AND GALLEY TRUCKS WITH SLANTING SHELVES

No.	Style	Capacity	Size of Galley	No. of Tiers	Floor Space Inches	Height Inches	Approximate Shipping Weight, Lbs.
13500	Truck	32	$8\frac{3}{4} \times 13$ in.	2	$25\frac{3}{8} \times 25$	$32\frac{1}{2}$	235
13505	Truck	32	Double Column	2	$21\frac{1}{4} \times 25$	$32\frac{1}{2}$	250
13510	Cabinet	25	Double Column	1	$11\frac{1}{2} \times 25$	43	275
13515	Cabinet	50	Double Column	2	20×25	43	315
13520	Cabinet	100	Double Column	4	$36\frac{1}{2} \times 25$	43	525
13533	Cabinet	100	Triple Column	4	$42\frac{3}{4} \times 25$	43	650

WOOD GALLEY CABINETS AND GALLEY TRUCKS WITH SLANTING SHELVES

No.	Style	Capacity	Size of Galley	No. of Tiers	Floor Space Inches	Height Inches	Approximate Shipping Weight, Lbs.
3500	Truck	32	$8\frac{3}{4} \times 13$ in.	2	$24\frac{1}{2} \times 22\frac{1}{2}$	$38\frac{1}{4}$	175
3505	Truck	32	Double Column	2	$20\frac{3}{4} \times 26\frac{1}{2}$	$38\frac{1}{4}$	200
3510	Cabinet	25	Double Column	1	$11\frac{1}{4} \times 26\frac{1}{2}$	43 $\frac{3}{4}$	110
3515	Cabinet	50	Double Column	2	$19\frac{1}{4} \times 26\frac{1}{2}$	43 $\frac{3}{4}$	190
3520	Cabinet	100	Double Column	4	$36\frac{1}{4} \times 26\frac{1}{2}$	43 $\frac{3}{4}$	300
3533	Cabinet	100	Triple Column	4	$45\frac{1}{4} \times 26\frac{1}{2}$	43 $\frac{3}{4}$	350

Galley trucks save a great deal of time in transferring matter to and from make-up men or proof presses or stonemen. Where economy of production is studied they will be considered indispensable.

These galley cabinets and galley trucks are furnished with shelf numbers from 1 to 100 and 1 to 32, respectively. When more than one cabinet or truck is in use, each should be designated by a symbol letter (which is furnished gratis upon request), as shown on the illustrations, and the galley proofs should be numbered A1-A100, B1-B100, and so on, a method that is quite as easy and more effective than if the numbers were consecutive.

These cabinets are built very strongly to carry great weights.

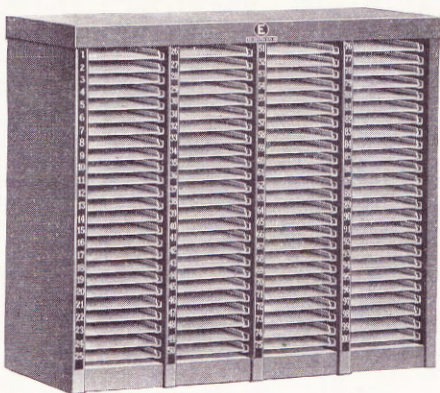
HAMILTON UNIT GALLEY CABINETS

MADE IN BOTH STEEL AND WOOD

These are the most effective cabinets for storing live matter on pressed steel galleys of the sizes listed in the tables below. There are seven sizes, six of which hold 100 galleys each, while one holds 50 galleys. The galley openings are numbered from 1 to 100. When more than one cabinet is used, each should be designated by a symbol letter (which is furnished gratis upon request), as shown in illustration, and galley proofs should be numbered A1-A100, B1-B100, and so on, a method that is quite as easy and more effective than if the numbers were consecutive. With consecutive numbers it is not so easy to locate a galley in an extensive installation as it is with symbol letters.

Though galleys are shown in the illustration, they are not included with the cabinets, and need to be ordered separately, as required.

The illustration shows Galley Cabinet No. 13540 in steel. It holds 100 steel galleys, size $8\frac{3}{4} \times 13$ in. It is also made in wood to hold the same number of galleys.



No. 13540 (IN STEEL); No. 3540 (IN WOOD)
Seven sizes made. See tables below

STEEL GALLEY CABINETS WITH STEEL RUNS—NO SHELVES

No.	Capacity	Size of Galley	No. of Tiers	Floor Space Inches	Height Inches	Approximate *Shipping Weight, Lbs.
13538	50	$8\frac{3}{4} \times 13$ in.	2	$22\frac{5}{8} \times 14\frac{1}{2}$	$38\frac{1}{2}$	200
13540	100	$8\frac{3}{4} \times 13$ in.	4	$44 \times 14\frac{1}{2}$	$38\frac{1}{2}$	285
13541	100	10×16 in.	4	$49\frac{1}{4} \times 17\frac{1}{2}$	$38\frac{1}{2}$	330
13542	100	12×18 in.	4	$57 \times 19\frac{1}{2}$	$38\frac{1}{2}$	400
13544	100	$3\frac{1}{2} \times 23\frac{1}{2}$ in.	4	$23\frac{1}{4} \times 25$	$38\frac{1}{2}$	350
13545	100	$6\frac{1}{4} \times 23\frac{1}{2}$ in.	4	34×25	$38\frac{1}{2}$	380
13565	100	$8\frac{1}{2} \times 23\frac{1}{2}$ in.	4	43×25	$38\frac{1}{2}$	400

WOOD GALLEY CABINETS WITH STEEL RUNS—NO SHELVES

No.	Capacity	Size of Galley	No. of Tiers	Floor Space Inches	Height Inches	Approximate *Shipping Weight, Lbs.
3538	50	$8\frac{3}{4} \times 13$ in.	2	23×17	$38\frac{1}{2}$	150
3540	100	$8\frac{3}{4} \times 13$ in.	4	$43\frac{3}{4} \times 17$	$38\frac{1}{2}$	225
3541	100	10×16 in.	4	$48\frac{3}{4} \times 20$	$38\frac{1}{2}$	300
3542	100	12×18 in.	4	$56\frac{3}{4} \times 22$	$38\frac{1}{2}$	350
3544	100	$3\frac{1}{2} \times 23\frac{1}{2}$ in.	4	$22\frac{3}{4} \times 27\frac{3}{4}$	$38\frac{1}{2}$	200
3545	100	$6\frac{1}{4} \times 23\frac{1}{2}$ in.	4	$33\frac{3}{4} \times 27\frac{3}{4}$	$38\frac{1}{2}$	260
3565	100	$8\frac{1}{2} \times 23\frac{1}{2}$ in.	4	$42\frac{3}{4} \times 27\frac{3}{4}$	$38\frac{1}{2}$	325

*Shipping Weights are without galleys

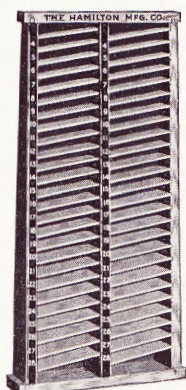
GREAT ECONOMIES OF THE GALLEY STORAGE SYSTEM

Among methods making for economies in production in composing rooms, none has proved more effective than the system of storing live jobs and pages on pressed steel galleys. The cabinets listed above are a necessary part of this system, which was first devised for the benefit of the printers by the American Type Founders Company.

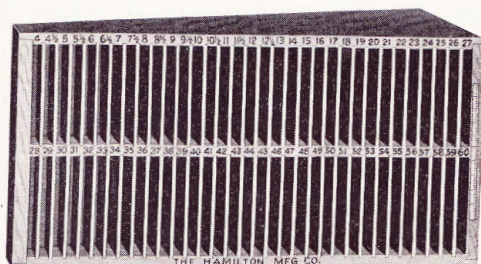
The system affords the means of indexing each job. As the job is placed in a storage cabinet, the number of the opening in the cabinet is penciled on the proof. With the proof in hand, any employee is enabled to find the job without loss of time. Our pressed steel galleys, though low-priced, are made accurately, so that a job may be set on one and kept on it until it is locked up.

LEAD OR SLUG RACKS

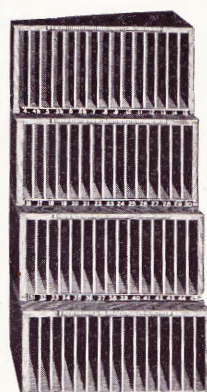
MADE IN WOOD ONLY



No. 3665
EUREKA LEAD RACK



No. 3661 WISCONSIN LEAD RACK
Two of these, one on top of another, make
an effective combination



No. 3687 SET OF FOUR
BOSTON LEAD RACKS

No.
3670

No.
3675

No.
3680

No.
3685

No. 3661 Wisconsin Lead Rack has compartments for lengths 4 to 12½ picas (by ens) and 13 to 60 picas (by ems); capacity, 750 lbs. Size over all, 18x42½ in. Height, 17½ in. Approximate shipping weight, 75 lbs.

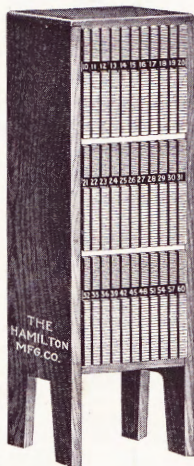
No. 3665 Eureka Lead and Slug Rack has compartments for lengths 4 to 28 picas (by ems) for leads on one side, and the same on the other side for slugs; capacity, 230 lbs. Size over all, 14½x5½ in. Height, 28½ in. Approximate shipping weight, 20 lbs.

No. 3687 set of four Boston Lead Racks, sold separately or as a set. No. 3670 holds lengths from 4 to 6½ picas (by ens) and 7 to 15 picas (by ems); capacity, 50 lbs. No. 3675, 16 to 30 picas (by ems); capacity, 130 lbs. No. 3680, 31 to 45 picas (by ems); capacity, 210 lbs. No. 3685, 46 to 60 picas (by ems); capacity, 300 lbs. Size over all of No. 3685, 8½x17½ in. Height of four racks, 34 in. Approximate shipping weight of four racks, 50 lbs.

HAMILTON REGLET CABINETS

MADE IN WOOD ONLY

No. 3690 Reglet Cabinet, sold with contents, contains 34 pieces each of 6 pt. and 12 pt. reglet of lengths 10 to 33 picas (by ems) and 36 to 60 picas (by 3 ems)—2244 pieces in all. Floor space, 11⅞x11¼ in. Height, 38¼ in. Approximate shipping weight, 155 lbs. Contents (No. 3734) and Cabinet only (No. 3692) may be purchased separately.

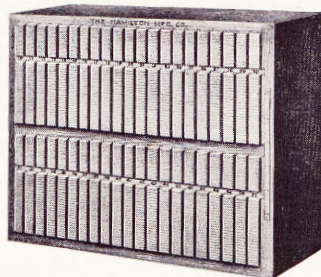


No. 3690 CABINET
AND CONTENTS

No. 3695 Reglet Cabinet, sold with contents, same design as No. 3690 but deeper, contains 34 pieces each of 6 pt. and 12 pt. reglet of lengths 61 to 64 picas (by ems) and 66 to 138 picas (by 3 ems) and 144, 150, 156 and 160 picas—2244 pieces in all. Floor space, 11⅞x27¾ in. Height, 38¼ in. Approximate shipping weight, 380 lbs. Contents (No. 3736) and Cabinet only (No. 3697) may be purchased separately.

No. 3729-C Reglet Cabinet, sold with contents, contains 50 pieces each of 6 pt. and 12 pt. reglet of lengths 10 to 51 picas (by ems)—2100 pieces in all. Size over all, 9½x20¾ in. Height, 16½ in. Approximate shipping weight, 62 lbs. Contents (No. 3729-D) and Cabinet only (No. 3729-E) may be purchased separately.

For other Reglet Cabinets see pages 1046 to 1049. For reglet in yard lengths see page 961.

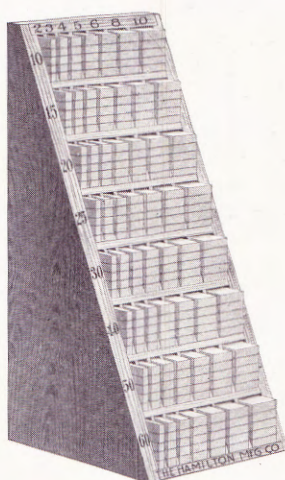


No. 3729-C CABINET AND CONTENTS

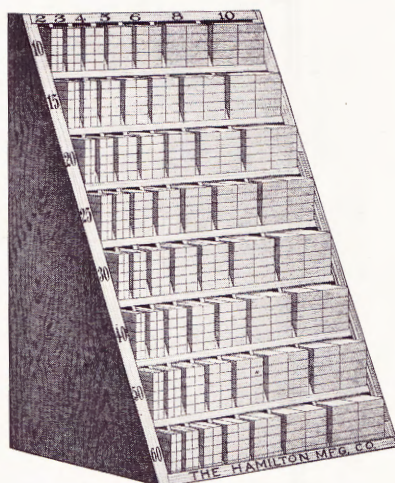
LABOR-SAVING WOOD FURNITURE CABINETS

MADE IN WOOD ONLY

No. 3728 Furniture Cabinet, sold with contents, contains 5 pieces of each length and width; widths, 2, 3, 4, 5, 6, 8, 10 picas; lengths, 10, 15, 20, 25, 30, 40, 50, 60 picas—280 pieces in all. Size over all, 10x10½ in. Height, 31 in. Approximate shipping weight, with contents, 50 lbs. Contents (No. 3728-A) and Cabinet only (No. 3728-B) may be purchased separately.



No. 3728, WITH CONTENTS

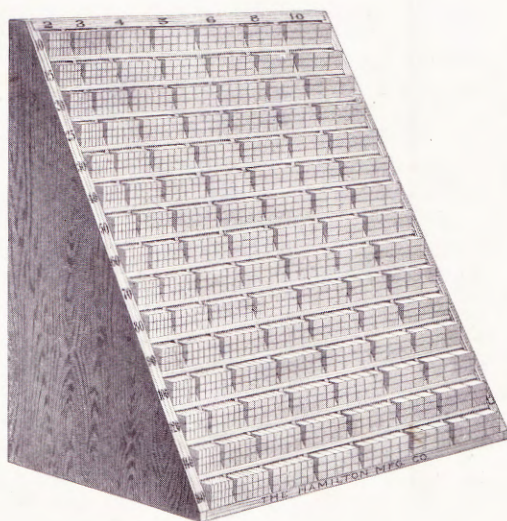


No. 3728-C, WITH CONTENTS

No. 3728-C Furniture Cabinet, sold with contents, contains 10 pieces of each length and width specified in description of No. 3728, above—560 pieces in all. Size over all, 10½x16½ in. Height, 31 in. Approximate shipping weight, with contents, 80 lbs. Contents (No. 3728-D) and Cabinet only (No. 3728-E) may be purchased separately.

No. 3728-J Furniture Cabinet (not illustrated, but same design as No. 3728-M and with half the contents of the latter cabinet), sold with contents. Size over all, 18¼x27½ in. Height, 41 in. Approximate shipping weight, with contents, 240 lbs. Contents (No. 3728-K) and Cabinet only (No. 3728-L) may be purchased separately.

No. 3728-M Furniture Cabinet, sold with contents, contains the following efficient assortment, giving a greater number of pieces of the most used lengths and widths and fewer of the least used sizes: 18 pieces each of 2, 3 and 4 pica widths in lengths of 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100, 120, 140 and 160 picas; 15 pieces each of 5 and 6 pica widths in same lengths as above; 9 pieces each of 8 and 10 pica widths in same lengths as above—1530 pieces in all. Size over all, 27½x31¾ in. Height, 41 in. Approximate shipping weight, with contents, 400 lbs. Contents (No. 3728-N) and Cabinet only (No. 3728-P) may be bought separately.



No. 3728-M, WITH CONTENTS

No. 3728-J is same design with half the contents

OTHER LABOR-SAVING WOOD FURNITURE CABINETS

See pages 1046-1049 for Cut-Cost Locking-up Materials Cabinets, holding labor-saving wood furniture, reglet, metal or iron furniture, etc. These are most desirable cabinets.

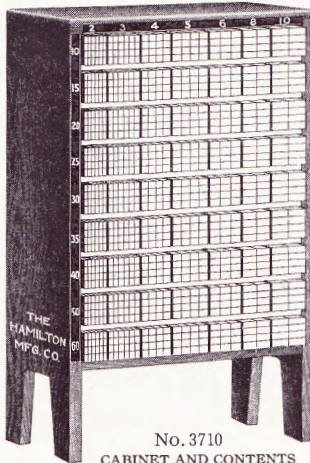
FULL LENGTH FURNITURE AND REGLET

For Wood Furniture and Reglet and Side Sticks in yard lengths see page 961.

HAMILTON FURNITURE CABINETS

MADE IN WOOD ONLY IN SIX SIZES

There are six Furniture Cabinets made in conformity with the design of No. 3710 Furniture Cabinet, shown below. They vary only in width and depth, according to the quantities of materials they contain. Nos. 3700 and 3705 supplement each other; as do Nos. 3710 and 3715; also 3720 and 3725.



No. 3710
CABINET AND CONTENTS

No. 3700 Furniture Cabinet, sold with contents, contains 12 pieces each of 2 and 3 pica widths in 10, 15, 20, 25, 30, 35, 40, 50 and 60 pica lengths; 8 pieces each of 4 pica width in same lengths as above, and 4 pieces each of 5, 6, 8 and 10 pica widths in same lengths as above—432 pieces in all. Floor space, $11\frac{1}{4} \times 11\frac{7}{8}$ in. Height, $38\frac{1}{4}$ in. Approximate shipping weight, with contents, 125 lbs. Contents (No. 3740) and Cabinet only (No. 3702) may be purchased separately.

No. 3705 Furniture Cabinet, sold with contents, contains same number and assortment of pieces as No. 3700 in lengths of 70, 80, 90, 100, 110, 120, 130, 140 and 160 picas—432 pieces in all. Floor space, $11\frac{7}{8} \times 27\frac{3}{4}$ in. Height, $38\frac{1}{4}$ in. Approximate shipping weight, with contents, 295 lbs. Contents (No. 3742) and Cabinet only (No. 3707) may be purchased separately.

No. 3710 Furniture Cabinet, sold with contents, contains 24 pieces each of 2 and 3 pica widths in 10, 15, 20, 25, 30, 35, 40, 50 and 60 pica lengths; 16 pieces each of 4 and 5 pica widths in same lengths as above; 12 pieces 6 picas wide in same lengths as above, and 8 pieces each of 8 and 10 pica widths in same

lengths as above—972 pieces in all. Floor space, $11\frac{1}{4} \times 23\frac{3}{4}$ in. Height, $38\frac{1}{4}$ in. Approximate shipping weight, with contents, 255 lbs. Contents (No. 3748) and Cabinet only (No. 3712) may be purchased separately.

No. 3715 Furniture Cabinet, sold with contents, contains same number and assortment of pieces as in No. 3710 in lengths of 70, 80, 90, 100, 110, 120, 130, 140 and 160 picas—972 pieces in all. Floor space, $23\frac{3}{4} \times 27\frac{3}{4}$ in. Height, $38\frac{1}{4}$ in. Approximate shipping weight, with contents, 500 lbs. Contents (No. 3750) and Cabinet only (No. 3717) may be purchased separately.

No. 3720 Furniture Cabinet, sold with contents, contains 28 pieces each 2 picas wide in 10, 15, 20, 25, 30, 35, 40, 50 and 60 pica lengths; 24 pieces each of 3 and 4 pica widths in same lengths as above; 20 pieces each of 5 and 6 pica widths in same lengths as above, and 16 pieces each of 8 and 10 pica widths in same lengths as above—1332 pieces in all. Floor space, $11\frac{1}{4} \times 34\frac{5}{8}$ in. Height, $38\frac{1}{4}$ in. Approximate shipping weight, with contents, 335 lbs. Contents (No. 3758) and Cabinet only (No. 3722) may be purchased separately.

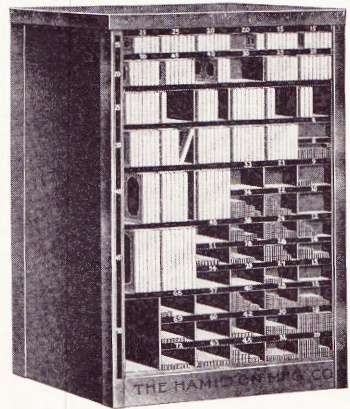
No. 3725 Furniture Cabinet, sold with contents, contains same number and assortment of pieces as in No. 3720 in lengths of 70, 80, 90, 100, 110, 120, 130, 140 and 160 picas—1332 pieces in all. Floor space, $27\frac{3}{4} \times 34\frac{5}{8}$ in. Height, $38\frac{1}{4}$ in. Approximate shipping weight, with contents, 650 lbs. Contents (No. 3760) and Cabinet only (No. 3727) may be purchased separately.

MAMMOTH IRON FURNITURE CABINET

MADE IN BOTH STEEL AND WOOD

This cabinet provides the most convenient and space-saving means of carrying large assortments of Mammoth Iron Furniture and Interlocking Steel Furniture. It is fully described and both sides illustrated on page 1050.

Height, 52 in. Floor space, $38 \times 27\frac{1}{2}$ in. Approximate shipping weight: Steel, 550 lbs.; Wood, 500 lbs.

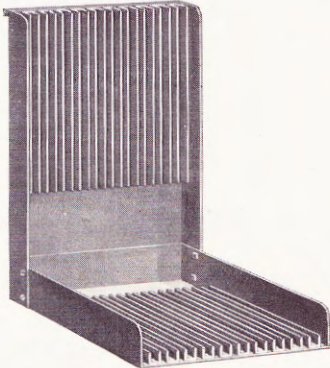


No. 13655 (IN STEEL); No. 3655 (IN WOOD)
Rear View

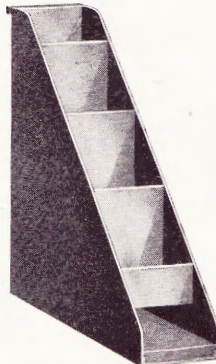
UNIT JOB AND CYLINDER CHASE RACKS

MADE IN STEEL ONLY

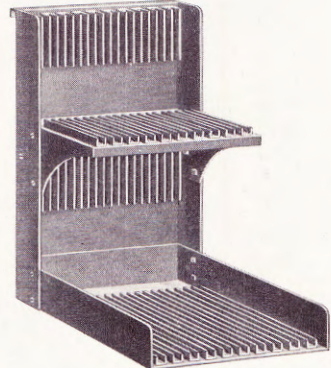
Made in units holding 10 cylinder or 20 job forms each, all of uniform design and height, thus permitting the installation of additional units as the needs of the office demand. The bottom being of steel, it is not necessary to lift a chase more than $\frac{1}{4}$ inch in entering.



No. 15230 UNIT



No. 15235 UNIT

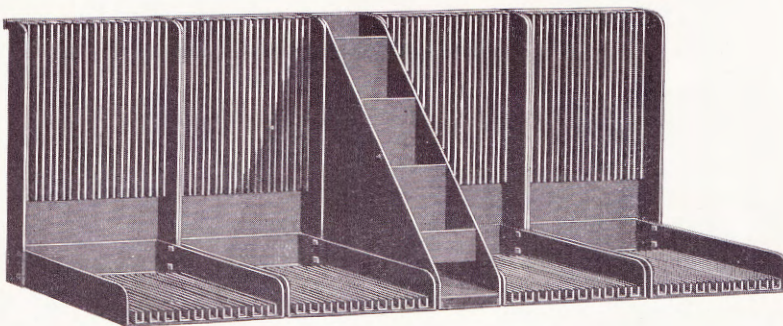


No. 15240 UNIT

No. 15230 Unit Chase Rack (illustrated above). This rack will accommodate 10 cylinder press forms, or 20 empty chases, any size. Dimensions: width, 19 in.; depth, 25 in.; height, 30 in. Shipping weight, 100 lbs.

No. 15235 Unit Crossbar Rack (illustrated above). This unit is designed for use in connection with the No. 15230 Unit Chase Rack. It provides a convenient receptacle for crossbars of chases when not in use. The rack is divided into four compartments, graduated in depth for bars of various lengths. Dimensions: width, 8 in.; depth, 25 in.; height, 30 in. Shipping weight, 75 lbs.

No. 15240 Unit Job Chase Rack (illustrated above). This rack for job chases can be used singly in the platen press department or in combination with other units for general chase storage. It will accommodate on each deck all standard sizes of job press chases up to $14\frac{1}{2} \times 22$ in. The capacity is 10 forms or 20 empty chases on each shelf. Dimensions: width, 19 in.; depth 25 in.; height, 30 in. Shipping weight, 130 lbs.



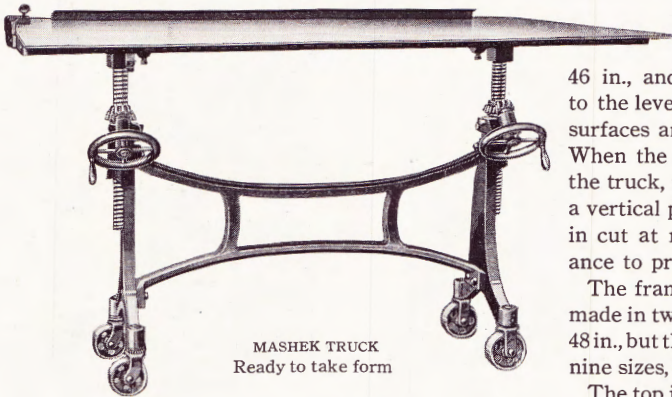
A COMBINATION OF FOUR UNITS NO. 15230 (FOR CYLINDER FORMS)
AND ONE UNIT NO. 15235 (FOR CROSSBARS)

See also page 1052 for description of Cut-Cost Steel Adjustable Chase Rack, the last word in chase racks for safety, for economy of floor space and for durability. In Cut-Cost Chase Racks the forms are held securely in channels at both head and foot, effectually preventing one form from rubbing against another.

MASHEK FORM TRUCK

Patented February 16, 1909; other patents pending

For transferring forms from imposing table to press, this truck insures safety and expedites the work. Once used it will be found indispensable. When not in use it occupies very little space.



MASHEK TRUCK
Ready to take form

It has an elevating top with a range from 35 to 46 in., and is easily brought to the levels of both imposing surfaces and beds of presses. When the form is drawn on the truck, the top is tilted to a vertical position, as shown in cut at right, for conveyance to press or vice versa.

The frame of the truck is made in two widths, 40 and 48 in., but the top is made in nine sizes, as listed below.

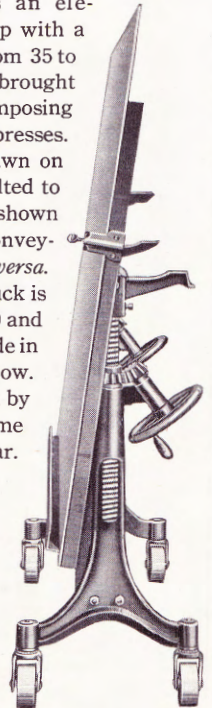
The top is controlled by

two geared wheels, operating independently, to permit adjustment to overcome possible unevenness of the floor. It is tilted easily by means of a handle bar.

These trucks are easily guided. The top is of heavy steel.

Finish: top, natural steel, lacquered; frame, olive green.

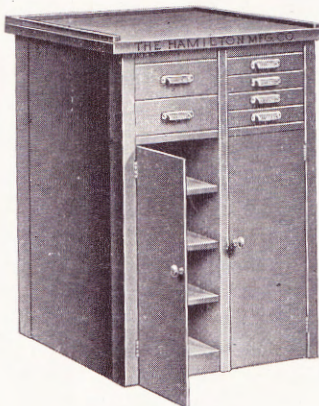
No.	Size of Top	Size of Frame	Approximate Shipping Weight
13482	36x43 inches	40 inches	400 pounds
13482-A	36x46 inches	40 inches	415 pounds
13482-B	36x50 inches	40 inches	425 pounds
13482-C	40x53 inches	40 inches	440 pounds
13482-D	42x56 inches	40 inches	460 pounds
13482-E	42x62 inches	48 inches	575 pounds
13482-G	42x65 inches	48 inches	585 pounds
13482-H	46x68 inches	48 inches	615 pounds
13482-K	48x74 inches	48 inches	625 pounds



MASHEK TRUCK
In position for conveying form to press

HAMILTON SAW-TRIMMER CABINET

MADE IN BOTH STEEL AND WOOD



No. 15741 (IN STEEL); No. 5741 (IN WOOD)

The cabinet illustrated will accommodate all saw-trimmer parts, including the router and jig-saw attachment.

The top of cabinet is surrounded by a brass rim on three sides. Size of top inside of brass rim is $25\frac{3}{4} \times 25\frac{7}{8}$ in.

At the left are two deep drawers, $9\frac{3}{4} \times 20 \times 4$ in. inside. Below these drawers is a cupboard with three adjustable shelves.

At the right are four shallow drawers, size $9\frac{3}{4} \times 20 \times 1\frac{5}{8}$ in. inside. Below these drawers is a compartment for router and jig-saw attachment, size $10\frac{5}{8}$ in. wide by $23\frac{1}{4}$ in. high by 24 in. deep inside.

Floor space, $25\frac{3}{4} \times 25$ in. Height, $38\frac{1}{2}$ in. Approximate shipping weight: Steel, 275 lbs.; Wood, 350 lbs.

Saw-trimmers are now indispensable in lively composing rooms. With the machine it will be found economical to have this cabinet, in which knives, saws and other attachments may be kept without deterioration from dirt and rust, and where they may be found quickly when wanted.

HAMILTON IMPOSING TABLES

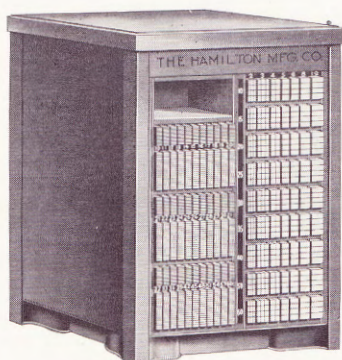
MADE IN BOTH STEEL AND WOOD

No. 13960 Steel Imposing Table (as illustrated) for iron surface 27x31 in. or marble surface 24x28 in. One side is equipped with rack for nonpareil and pica reglet in standard lengths from 10 to 60 picas, and rack for wood furniture in standard sizes from 10 to 60 picas. The re-

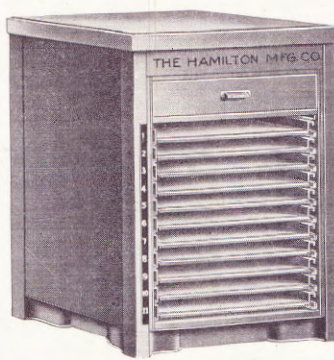
verse side contains unit for 11 two-thirds size steel letterboards, each 20¼x-16½ in. inside, with drawer at top.

No. 3960 Wood Imposing Table is as described above, except that the wood letterboards are 20x15½ in. inside.

Letterboards are included with these tables, but reglet and wood furniture fonts need to be

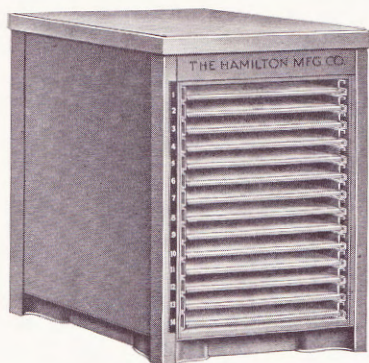


*No. 13960 (IN STEEL); No. 3960 (IN WOOD)
Furniture Side

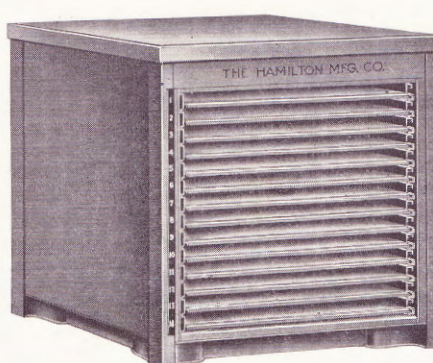


*No. 13960 (IN STEEL); No. 3960 (IN WOOD)
Letterboard Side

ordered separately, if required. The reglet font is No. 3730; the wood furniture font is No. 3740. Height, 38¼ in. Approximate shipping weight, with contents: Steel, 825 lbs.; Wood, 700 lbs.



*No. 13965 (IN STEEL); No. 3965 (IN WOOD)
Both sides alike



*No. 13970 (IN STEEL); No. 3970 (IN WOOD)
Both sides alike

No. 13965 Steel Imposing Table (as illustrated above) for iron surface 27x37 in. or marble surface 24x34 in. Contains 28 steel letterboards (14 in each end), each 20¼x16½ in. inside.

No. 3965 Wood Imposing Table is as described above, except that the wood letterboards are 20x15½ in. inside.

Height, 38¼ in. Approximate shipping weight, including letterboards: Steel, 875 lbs.; Wood, 750 lbs.

No. 13970 Steel Imposing Table (as illustrated above) for iron surface 37x39 in. or marble surface 34x36 in. Contains 28 steel letterboards (14 in each end), each 30¾x16½ in. inside.

No. 3970 Wood Imposing Table is as described above, except that the wood letterboards are 30¾x15½ in. inside.

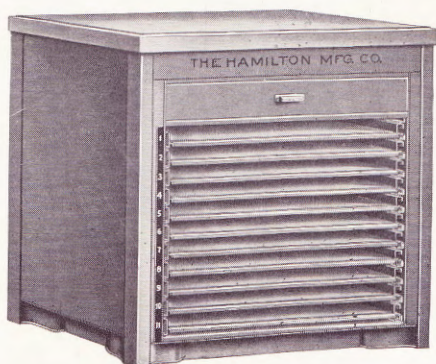
Height, 38¼ in. Approximate shipping weight, including letterboards: Steel, 1100 lbs.; Wood, 925 lbs.

** In ordering state whether iron or marble surface is required. Marble surfaces require coffins, which are made in wood only. Please note also that contents, unless otherwise specified, are not included, and need to be ordered separately if required.*

HAMILTON IMPOSING TABLES

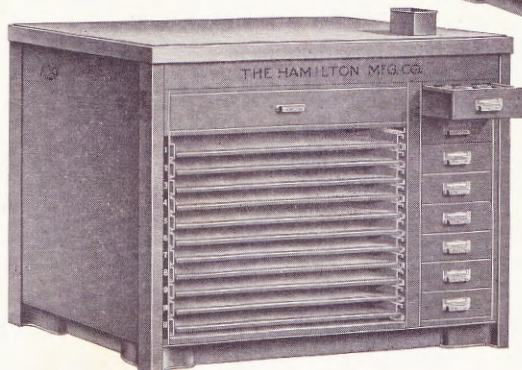
MADE IN BOTH STEEL AND WOOD

No. 13975 Steel Imposing Table (as illustrated) for iron surface 31x39 in. or marble surface 28x36 in. One side has rack for nonpareil and pica reglet in standard lengths from 10 to 60 picas, a rack for wood furniture in standard sizes from 10 to 60 picas, and two bins above the racks. The other side has 11 full size steel letterboards, each $30\frac{5}{8} \times 16\frac{1}{2}$ in. inside, and a deep drawer.

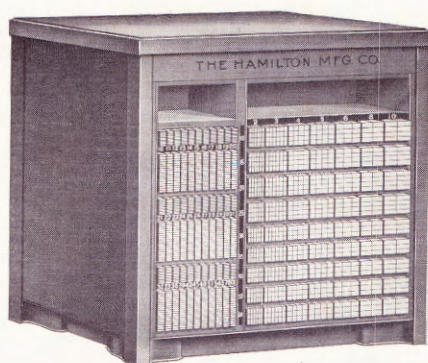


*No. 13975 (IN STEEL); No. 3975 (IN WOOD)
Letterboard Side

No. 13980 Steel Imposing Table (as illustrated) for iron surface 35x51 in. or marble surface 32x48 in. On one side is a rack for nonpareil and pica reglet in standard lengths from 10 to 60 picas, a rack for wood furniture in standard sizes from 10 to 60 picas. On the other side there are 11 full size letterboards, each $30\frac{5}{8} \times 20\frac{3}{8}$ in. inside; also 8 sort drawers, each containing 12 removable steel sort boxes, capacity of each sort box $4\frac{1}{4}$ lbs.; and a drawer as illustrated below.



*No. 13980 (IN STEEL); No. 3980 (IN WOOD)
Storage Side

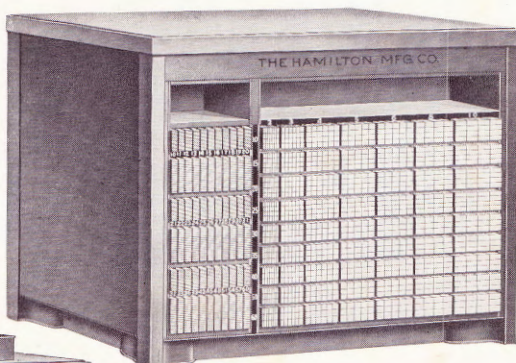


*No. 13975 (IN STEEL); No. 3975 (IN WOOD)
Furniture Side

No. 3975 Wood Imposing Table is as described above, except that the wood letterboards are $30\frac{3}{8} \times 15\frac{1}{8}$ in. inside.

Letterboards are included with these tables, but reglet and wood furniture fonts need to be ordered separately, if required. The reglet font is No. 3730; the wood furniture font is No. 3744.

Height, $38\frac{1}{4}$ in. Approximate shipping weight, with contents: Steel, 1250 lbs.; Wood, 1075 lbs.



*No. 13980 (IN STEEL); No. 3980 (IN WOOD)
Furniture Side

No. 3980 Wood Imposing Table is as described above, except that the wood letterboards are $30\frac{3}{8} \times 19$ in. inside.

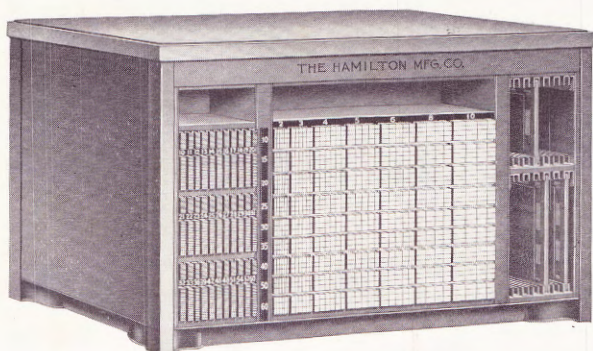
Letterboards and steel sort boxes are included, but reglet and wood furniture fonts need to be ordered separately, if required. The reglet font is No. 3730; the wood furniture font is No. 3754.

Height, $38\frac{1}{4}$ in. Approximate shipping weight, with contents: Steel, 1675 lbs.; Wood, 1375 lbs.

HAMILTON IMPOSING TABLES

MADE IN BOTH STEEL AND WOOD

No. 13985 Steel Imposing Table (as illustrated) for iron surface 39x63 in. or marble surface 36x60 in. On one side there is a rack for nonpareil and pica reglet in standard lengths from 10 to 60 picas, a rack for wood furniture in standard sizes from 10 to 60 picas, a chase rack for six chases each for 8x12 in. and 10x15 in. platen presses. On the other side, as shown below,

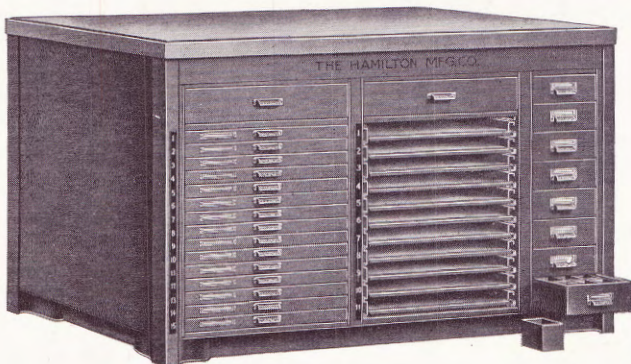


*No. 13985 (IN STEEL); No. 3985 (IN WOOD)

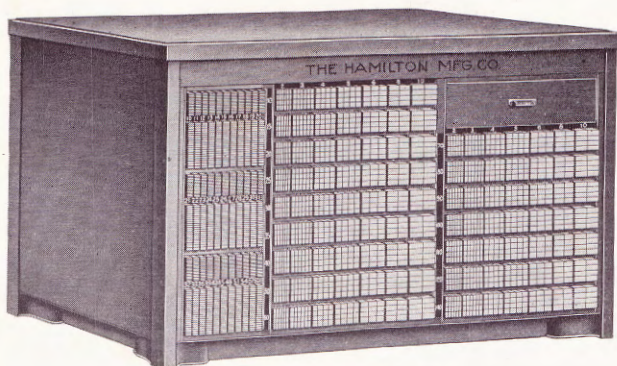
No. 3985 Wood Imposing Table is same as described above, except that the wood letterboards are 19x20 in. inside. Steel sort boxes are furnished with No. 3985.

These tables are sold with the equipments described above, except reglet and wood furniture fonts, which need to be ordered separately, if required. The reglet font is No. 3730; the wood furniture font is No. 3754.

Height, 38 $\frac{1}{4}$ in. Approximate shipping weight, with contents: Steel, 2000 lbs.; Wood, 1700 lbs.



*No. 13985 (IN STEEL); No. 3985 (IN WOOD)



*No. 14000-A (IN STEEL); No. 4000-A (IN WOOD)

See next page for illustration of other side, for galley storage

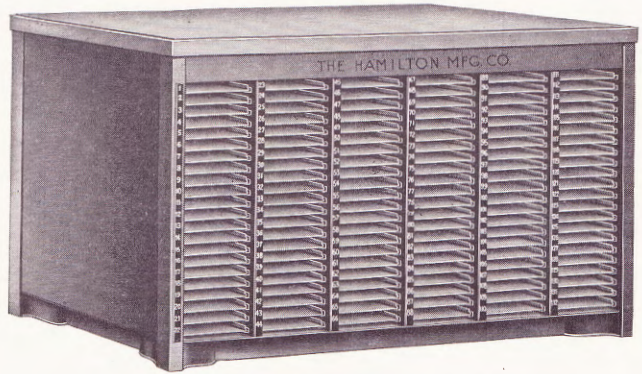
No. 14000-A Steel Imposing Table (as illustrated) for iron surface 39x65 in. or marble surface 36x62 in. One side has a rack for nonpareil and pica reglet in standard lengths from 10 to 60 picas, a rack for wood furniture in all standard sizes from 10 to 60 picas with additional lengths of 70, 80, 90, 100, 110, 120 and 140 picas, and a large drawer. On the other side (as illustrated on the next page) there are numbered openings for 138 pressed steel galleys, 8 $\frac{3}{4}$ x13 in. inside.

**It is necessary to specify whether iron or marble surface is required. With a marble surface, a coffin is required. Reglet and furniture also need to be specified, if required.*

No. 4000-A Wood Imposing Table is same as described on page 1101 except that the galley capacity is only 132.

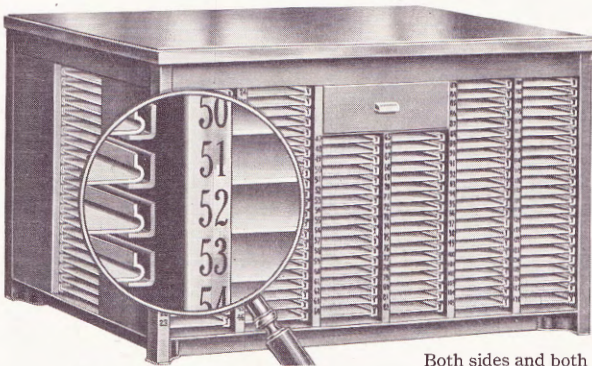
These tables are sold without galleys or reglet or wood furniture, which need to be ordered separately, as required. The reglet font is No. 3734, and the wood furniture fonts are Nos. 3748 (10 to 60 picas) and 3752 (all widths in lengths of 70, 80, 90, 100, 110, 120 and 140 picas).

Height, 38 $\frac{1}{4}$ in. Approximate shipping weight complete with galleys and reglet and wood furniture: Steel, 1950 lbs.; Wood, 1625 lbs.



*No. 14000-A (IN STEEL); No. 4000-A (IN WOOD)

For other side, containing materials, see foot of preceding page



*No. 14010 (IN STEEL); No. 4010-A (IN WOOD)

Both sides and both ends are alike

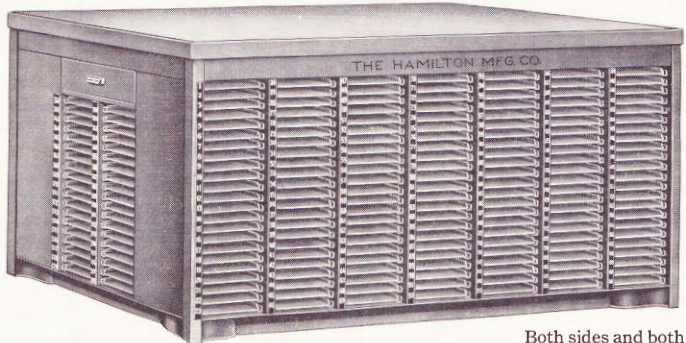
The sizes and galley capacities of imposing tables illustrated at the left and below, made in both wood and steel, are given in the table below. Each table has 2 large drawers.

The galley openings (not shelves) are numbered consecutively. They are made to take pressed steel galleys 8 $\frac{3}{4}$ x13 in. inside. Galleys are not included with the tables, but need to be ordered separately, as required.

Height of all tables is 38 $\frac{1}{4}$ in.

No.	Size of Surface in inches		8 $\frac{3}{4}$ x13 in. Galley Capacity	Approximate Shipping Weight, lbs.	
	Iron	Marble		Table	Galleys
14010 (in Steel)	39x65	36x62	306	1400	700
14020 (in Steel)	51x75	48x72	398	1900	925
4010-A (in Wood)	39x65	36x62	292	1250	675
4020-A (in Wood)	51x75	48x72	380	1650	900

These are the best selling imposing tables because they are most efficient in medium and large size composing rooms enjoying the economies of our Cut-Cost System of Printing Plant Equipment. The notable economies of the galley storage system are described on page 1042.



*No. 14020 (IN STEEL); No. 4020-A (IN WOOD)

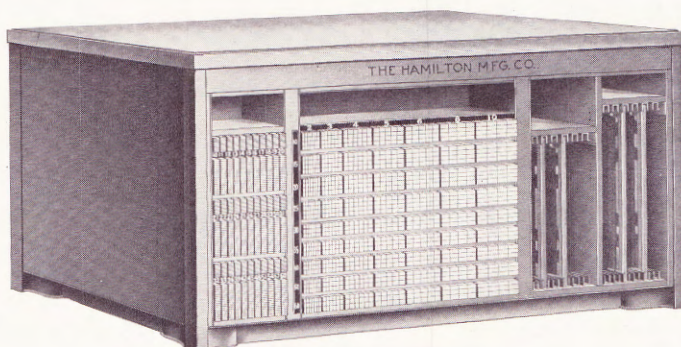
Both sides and both ends are alike

**It is necessary to state whether iron or marble surface is required. Marble surfaces require coffins*

HAMILTON IMPOSING TABLES

MADE IN BOTH STEEL AND WOOD

No. 14040 Steel Imposing Table (as illustrated) for iron surface 51x75 in. or marble surface 48x72 in. On one side is a rack for nonpareil and pica reglet in standard lengths from 10 to 60



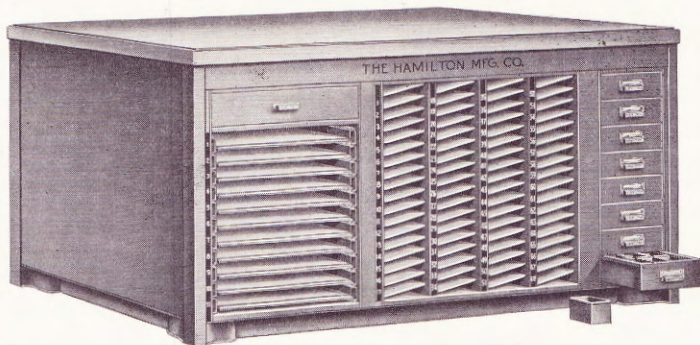
*No. 14040 (IN STEEL); No. 4040 (IN WOOD)

picas, a rack for wood furniture in standard sizes from 10 to 60 picas, 2 adjustable chase racks each holding 6 chases (the top guide in each rack forming a bin). On the other side there is a drawer over 11 steel letterboards, each 20 $\frac{1}{4}$ x20 $\frac{3}{8}$ in. inside, a four-tier galley rack to hold 68 double column galleys with the shelves numbered con-

secutively, 8 drawers each containing 12 removable steel sort boxes (capacity of each steel sort box 4 $\frac{1}{4}$ lbs.), as illustrated below.

No. 4040 Wood Imposing Table is same as described above, except that the wood letterboards are 19x20 in. inside. Steel sort boxes are furnished with No. 4040.

Letterboards (numbered) and steel sort boxes are furnished with these tables, but reglet and wood furniture need to be ordered



*No. 14040 (IN STEEL); No. 4040 (IN WOOD)

separately, as required. The reglet font is No. 3730; the wood furniture font is No. 3754.

Height, 38 $\frac{1}{4}$ in. Approximate shipping weight, complete: Steel, 2600 lbs.; Wood, 2200 lbs.

**It is necessary to state whether iron or marble surface is required. Marble surfaces require coffins
Reglet and furniture also need to be specified if required*

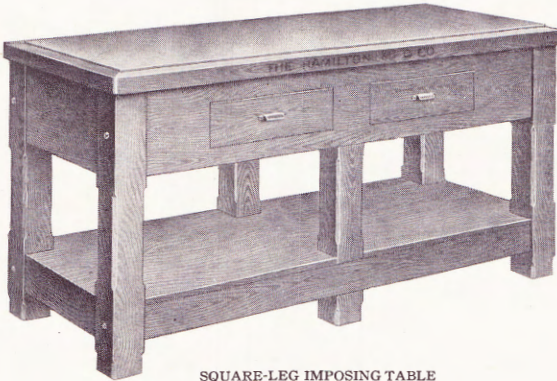
IMPOSING TABLES FOR SPECIAL PURPOSES

Imposing Tables in steel or in wood construction will be made for special purposes. Upon receipt of specifications by our nearest selling house, drawings (if necessary) will be submitted. Those who must have special imposing tables are advised to conform with the sizes of the regular tables, for which the surfaces, ends, rails, division strips and drawers are carried in stock at the factory. Tables of irregular outside dimensions are not only much more expensive to build, but they require a longer time to make. An expeditious way in designing a special table is to take as a basis the regular table the design of which conforms nearest to requirements and suggest the changes desired. For example, a buyer may prefer galley shelves instead of the chase racks and letterboards in No. 14040. Rather than describe a new table, it will be simpler to indicate the desired changes in No. 14040.

It needs to be remembered that special equipments cannot be shipped as quickly as regular equipments, and inevitably cost more than regular equipments made in quantities.

HAMILTON SQUARE-LEG IMPOSING TABLES

MADE IN WOOD ONLY



SQUARE-LEG IMPOSING TABLE

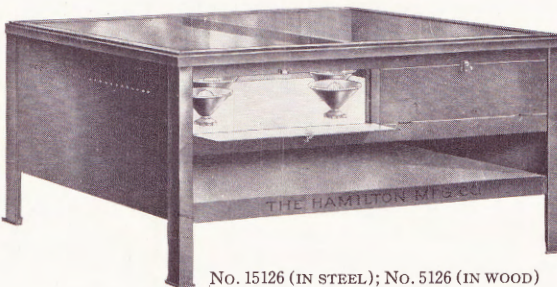
DIMENSIONS AND WEIGHTS OF SQUARE-LEG IMPOSING TABLES

No.	Capacity of Surface	Marble Surface		Iron Surface		Floor Space Inches	No. of Legs	Shipping Weight Table only
		Size Inches	Shipping Weight	Size Inches	Shipping Weight			
4070	School size.....	18x24	150 lbs.	21x27	200 lbs.	20½x26½	4	75 lbs.
4075	2 pages, 6 column.....	24x36	265 lbs.	27x39	310 lbs.	26½x38½	4	110 lbs.
4080	2 pages, 7 column.....	26x44	340 lbs.	29x47	365 lbs.	28½x46½	4	120 lbs.
4085	2 pages, 8 column.....	28x50	400 lbs.	31x53	410 lbs.	30½x52½	4	120 lbs.
4090	For general work.....	36x48	510 lbs.	39x51	510 lbs.	38½x50½	4	120 lbs.
4095	4 pages, 7 column.....	26x76	575 lbs.	29x79	610 lbs.	28½x78½	6	180 lbs.
5000	4 pages, 8 column.....	28x84	695 lbs.	31x87	700 lbs.	30½x86½	6	190 lbs.
5005	4 pages, 6 column quarto..	36x60	610 lbs.	39x63	620 lbs.	38½x62½	4	125 lbs.
5010	4 pages, 7 column quarto..	48x60	800 lbs.	51x63	845 lbs.	50½x62½	4	150 lbs.
5015	For general work.....	48x72	950 lbs.	51x75	965 lbs.	50½x74½	6	175 lbs.

HAMILTON REGISTER TABLE

MADE IN BOTH STEEL AND WOOD

This Register Table greatly facilitates the work of registering forms of any kind. The top is of heavy plate glass and covers a light compartment which is finished in white enamel. The light reflectors in the bottom of the compartment throw a strong white light against the under part of the plate glass top. The lights are controlled by a switch placed at the end of the table.



No. 15126 (IN STEEL); No. 5126 (IN WOOD)

The rim that surrounds the glass is raised ⅛ in. and serves as a jogger and aids in the work of "lining up" forms.

A measuring rule of steel surrounds the plate glass. This rule is graduated by inches and fractions of ⅛ in. The T-square No. 15127 is of steel and is graduated to fractions of ¼ in. Length of T-square, 63½ in. The light compartment is wired for eight lamps. The cone

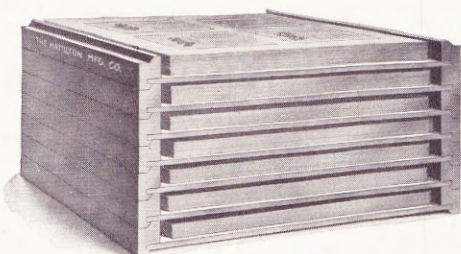
reflectors are supplied, but not the bulbs. Ordinary bulbs may be used.

No. 15126 (in Steel), No. 5126 (in Wood), with steel graduated rule surrounding the plate glass top. No. 15127 Steel T-square is supplied as an extra, when specially ordered.

Size of plate glass top, 48x60 in. Height to working surface, 32 in. Floor space, 63½x51½ in. Approximate shipping weight: Steel, 930 lbs.; Wood, 650 lbs.

HAMILTON INTERLOCKING DRYING RACKS

With these racks sheets are taken direct from the fly and may be stacked ceiling high, in a straight and rigid pile. When stacked, each rack is firmly locked on its neighbor. This saves handling, and the consequent waste of paper through offset, smearing, finger marks and tearing. The ink dries quicker owing to the circulation of air through the pile.



INTERLOCKING DRYING RACKS, STACKED WITH PAPER—STRAIGHT, RIGID, AND SAFE

A saving of time may be effected by placing the racks as they come from the flyboard on one of the trucks made to take these racks, as shown below.

The interlocking drying racks are made with hardwood sides and wide softwood slats, with openings between.

No. 5190 Rack, size inside 13x19 in.

No. 5192 Rack, size inside 18x25 in.

No. 5195 Rack, size inside 24x36 in.

No. 5197 Rack, size inside 32x48 in.

No. 5200 Rack, size inside 38x52 in.

The side rails on Interlocking Drying Racks are $1\frac{1}{4}$ in. wide and $1\frac{1}{8}$ in. high inside. The overall dimensions are $2\frac{1}{2}$ in. wider than the shortest inside measurement, as given above. The slats are $\frac{3}{8}$ in. thick. When stacked, each rack adds $1\frac{1}{16}$ in. to the height.

Dryers with side rails having a clearance of $2\frac{1}{2}$ and 3 in. between when stacked will be supplied on special order.

Dryers listed above are made with largest dimension on side rail. Dryers will be supplied with smallest dimension on side rail on special order.

INTERLOCKING DRYING TRAYS WITH HANDLES

These trays have two strong handles on each end. They are heavier and stronger than the drying racks listed above. Bottoms are solid (not slatted) and are $\frac{3}{4}$ in. thick in the smaller sizes, and thicker in the larger sizes. The side rails are $1\frac{3}{4}$ in. wide and 3 in. high and are made to run the short way of the tray, unless otherwise ordered. The trays inside, when stacked, have a clearance of $2\frac{1}{8}$ in.

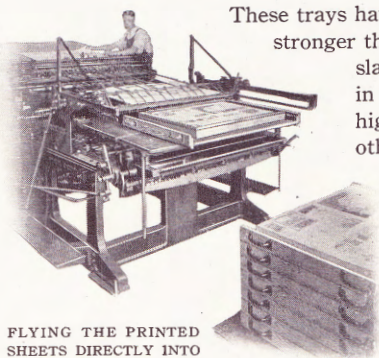
No. 5205 Tray, size inside 25x31 in.

No. 5208 Tray, size inside 30x41 in.

No. 5211 Tray, size inside 37x51 in.

No. 5214 Tray, size inside 45x61 in.

Sizes specified allow for a jogger box; without jogger box the sheet taken may be nearly same size as tray. Trays for special sizes, and for sheets 44x64 in. and larger, made to order.



FLYING THE PRINTED SHEETS DIRECTLY INTO A TRAY PLACED ON THE DELIVERY BOARD

HAMILTON PLATFORM TRUCKS

For Drying Racks and General Use

MADE IN WOOD ONLY IN THREE SIZES

No. 3470 Truck (illustrated), size of platform 24x36 in. Approximate shipping weight, 170 lbs.

No. 3472 Truck, size of platform 33x45 in. Approximate shipping weight, 200 lbs.

No. 3475 Truck, size of platform 38x52 in. Approximate shipping weight, 220 lbs.

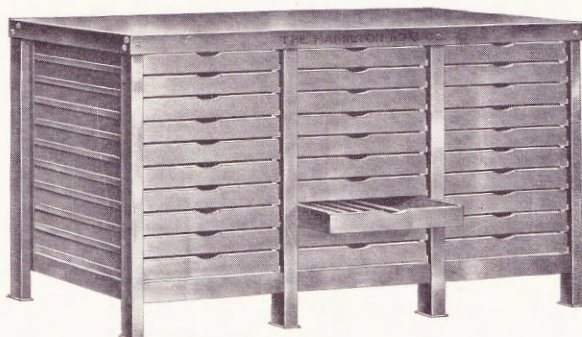


NO. 3470 TRUCK, LOADED WITH A STACK OF INTERLOCKING DRYING TRAYS

DRYING RACKS AND STOCK TABLES

MADE IN BOTH WOOD AND STEEL

No. 15130 Steel Drying Rack and Stock Table has 30 drying frames in three tiers, each frame being 19x30½ in. inside and 2¼ in. deep. The bottoms of the drying frames are slatted to permit circulation of air. The drying frames are made of wood; table and runs are steel.



No. 15130 (IN STEEL); No. 5130 (IN WOOD)

No. 5130 Wood Drying Rack and Stock Table is arranged the same as No. 15130.

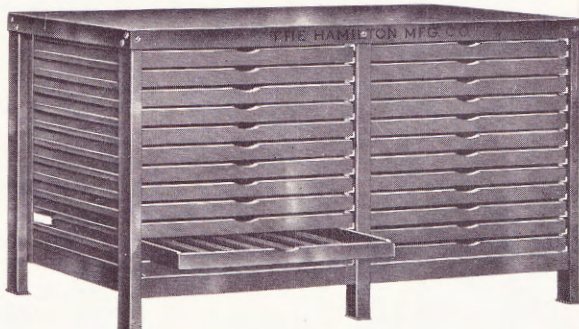
No. 15135 Steel Drying Rack and Stock Table has 24 drying frames in two tiers, each frame being 30x30 in. inside and 1½ in. deep. The bottoms of the drying frames are slatted to permit circulation of air. The drying frames are made of wood.

No. 5135 Wood Drying Rack and Stock Table is arranged the same as No. 15135.

No. 15140 Steel Drying Rack and Stock Table is half the size of No. 15135, with 12 drying frames, each 30x30 in. inside and 1½ in. deep, with slatted bottoms. The drying frames are made of wood.

No. 5140 Wood Drying Rack and Stock Table is arranged the same as No. 15140.

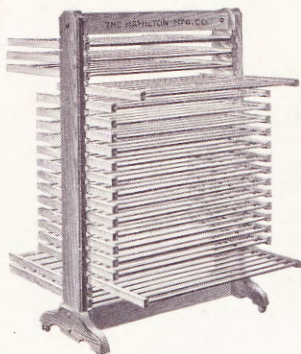
Floor space of two- and three-tier tables is 33x70¼ in. Height, 40 in. Approximate shipping weight: Steel, two-tier, 715 lbs.; three-tier, 760 lbs. Wood, two-tier, 450 lbs.; three-tier, 500 lbs. Floor space of one-tier tables is 33x36 in. Height, 40 in. Approximate shipping weight: Steel, 375 lbs.; Wood, 275 lbs.



No. 15135 (IN STEEL); No. 5135 (IN WOOD)

HAMILTON PRESSROOM DRYING RACK

MADE IN WOOD ONLY IN TWO SIZES



No. 5160 (SIZE 24x36 IN.)
No. 5165 (SIZE 28x42 IN.)

No. 5160 Pressroom Drying Rack has 20 drying shelves, each 24x36 in. inside. Floor space, 24x42¾ in. Height, 54¾ in. Approximate shipping weight, 235 lbs.

No. 5165 Pressroom Drying Rack has 20 drying shelves, each 28x42 in. inside. Floor space, 28x48¾ in. Height, 54¾ in. Approximate shipping weight, 250 lbs.

The racks are on casters, and move easily when loaded.

DRYING SHELVES SOLD SEPARATELY

Drying Shelves are sold only in crates containing one dozen.

No. 5167 Drying Shelves for Rack No. 5160, 24x36 in. inside. Approximate shipping weight per dozen, 75 lbs.

No. 5169 Drying Shelves for Rack No. 5165, 28x42 in. inside. Approximate shipping weight per dozen, 105 lbs.

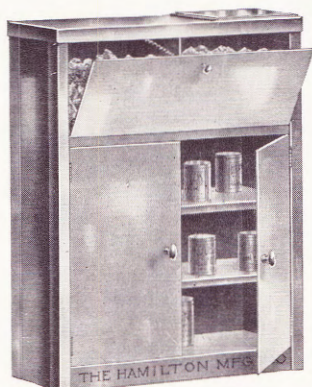
HAMILTON INK CABINET

No. 15103 Steel Ink Cabinet (as illustrated) provides a suitable place for storing a miscellaneous assortment of inks and has a plate glass ink mixing slab (8x10 in.) on the top.

No. 5103 Wood Ink Cabinet is similar in design to No. 15103. The cabinet has two adjustable shelves and two sliding doors.

It is dust-tight. It is compact. The waste paper basket shown in picture is not supplied.

Floor space, 28½x11 in. Height, 38¼ in. Approximate shipping weight: Steel, 135 lbs.; Wood, 100 lbs.



No. 15110 (STEEL); No. 5110 (WOOD)



No. 15103 (STEEL); No. 5103 (WOOD)

HAMILTON UNIT INK CABINET

No. 15110 Steel Unit Ink Cabinet (as illustrated) provides storage for ink and rags, with a plate glass ink mixing slab (8x10 in.) on top.

No. 5110 Wood Unit Ink Cabinet is similar in design.

A cupboard with two hinged doors and two adjustable shelves is provided for the storage of inks. Above the ink shelves are two bins, one for clean and one for soiled rags, covered by one spring door, as shown in illustration.

Floor space, 31x10 in. Height, 40 in. Approximate shipping weight: Steel, 210 lbs.; Wood, 160 lbs.

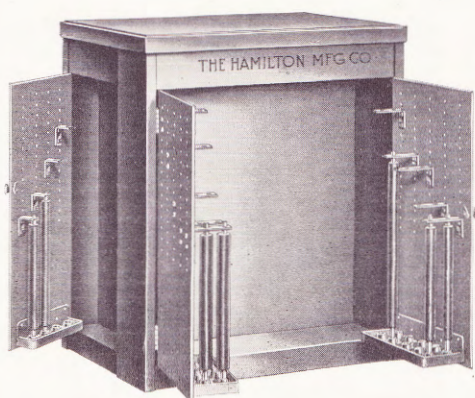
HAMILTON PLATEN PRESSROOM CABINET

MADE IN BOTH STEEL AND WOOD

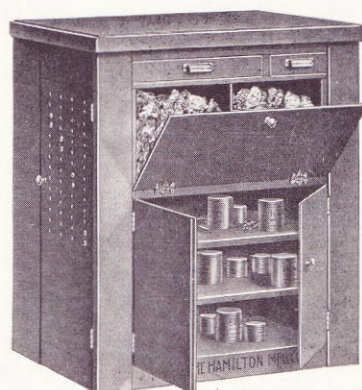
No. 15105 Steel Platen Pressroom Cabinet has a cupboard with two adjustable shelves for inks, a drawer containing a glass ink mixing tray (16⅞x18½x1⅞ in.), a drawer for small tools, two bins for rags (clean and soiled) and recesses with doors and adjustable brackets for holding 28 rollers for presses up to 14x22 in.

No. 5105 Wood Platen Pressroom Cabinet is similar in design to No. 15105.

Floor space, 30½x18½ in. Height, 40 in. Approximate shipping weight: Steel, 400 lbs.; with iron top, 600 lbs.; Wood, 250 lbs.; with iron top, 450 lbs.; Iron Top, 200 lbs.



ROLLER STORAGE SIDE OF HAMILTON PLATEN PRESSROOM CABINET



No. 15105-B (IN STEEL) WITH STEEL TOP
No. 5105-B (IN WOOD) WITH WOOD TOP
No. 15105-A (IN STEEL) WITH IRON TOP
No. 5105-A (IN WOOD) WITH IRON TOP
No. 5106 IRON TOP ONLY, SIZE 21x36 in.

INK AND ROLLER CABINET

MADE IN BOTH STEEL AND WOOD

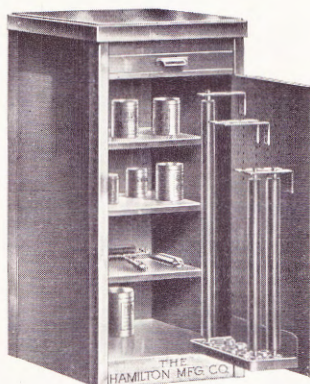
No. 15100-B Steel Ink and Roller Cabinet is for small platen pressrooms, providing a place for storing inks in cans, and is fitted with a glass ink mixing tray ($16\frac{3}{8} \times 18\frac{1}{8} \times 1\frac{3}{8}$ in.) in the drawer.

No. 5100-B Wood Ink and Roller Cabinet is similar in design.

Adjustable brackets on the door hold ten rollers for job presses, 8x12 in. to 14x22 in. The ink cupboard is fitted with three adjustable shelves.

This cabinet is regularly sold with either a steel or a wood top, according to the construction ordered, but may also be bought with an iron top.

Floor space, $19\frac{5}{8} \times 21$ in. Height, 42 in. Approximate shipping weight: Steel, 230 lbs.; Wood, 175 lbs.



No. 15100-B (IN STEEL) WITH STEEL TOP
No. 5100-B (IN WOOD) WITH WOOD TOP
No. 15100-A (IN STEEL) WITH IRON TOP
No. 5100-A (IN WOOD) WITH IRON TOP
No. 5101 IRON TOP ONLY, SIZE $19\frac{5}{8} \times 21$ IN.

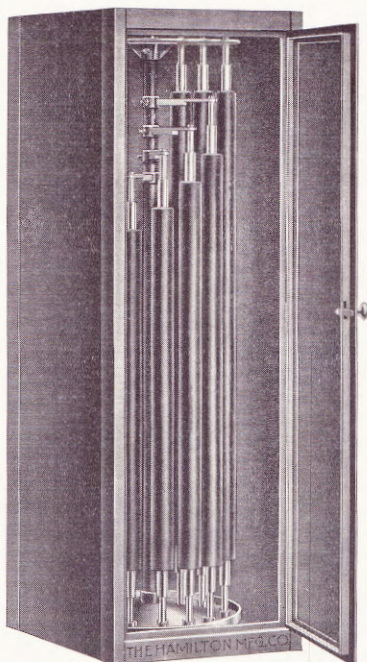
SECTIONAL CYLINDER PRESS ROLLER CABINET

This sectional cabinet, made in both steel and wood, in a uniform design, combines the advantages of the old-fashioned cupboard, with improvements, such as flexibility (which is made possible by the unit construction) and ease of handling rollers (which is accomplished by means of a revolving carriage). The dust-tight feature of this cabinet should not be overlooked. Nothing destroys the vitality of a roller quite so much as dust. Enclosed places for rollers also protect them to an extent from variation of temperature as well as from accidental damage.

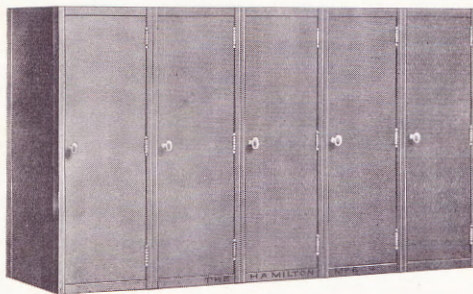
Each unit is fitted with roller-holding device, made adjustable to accommodate 12 rollers of any length up to 76 in. The base of the roller-carrying mechanism is of cast iron, cup-shaped to catch the drippings. It revolves on ball bearings, and consequently is easy to operate when loaded to full capacity.

The side panels in each unit are made removable, so that when a group of units are placed together, as shown in the illustration below, only two panels are needed, one for each end of the row. For this reason units are listed under the illustration at left with and without side panels.

Floor space, 26x26 in. Height, 80 in. Approximate shipping weight: Steel, 420 lbs.; Wood, 275 lbs.



No. 15116 (IN STEEL) WITH TWO END PANELS
No. 15117 (IN STEEL) WITH ONE END PANEL
No. 15118 (IN STEEL) WITHOUT END PANEL
No. 5116 (IN WOOD) WITH TWO END PANELS
No. 5117 (IN WOOD) WITH ONE END PANEL
No. 5118 (IN WOOD) WITHOUT END PANEL



GROUP OF FIVE UNITS OF ROLLER CABINET—TWO No. 15117 UNITS AND THREE No. 15118 UNITS—ASSEMBLED AS A COMPLETE CABINET, HOLDING SIXTY ROLLERS

HAMILTON MAKE-READY TABLE

ZINC-LINED TOP; FRAME OF W. I. PIPE



No. 15246-A
MAKE-READY
TABLE WITH
CASTERS

No. 15246-B
IS SAME
TABLE
WITHOUT
CASTERS

The table shown has a zinc-lined top, size 36x48 in., which can be tilted to any angle desired. When top is flat, table is 41 in. high. When the table is not in use the top can be tilted to a vertical position and the table may be put aside, occupying little floor space. The adjusting device for tilting top is of iron.

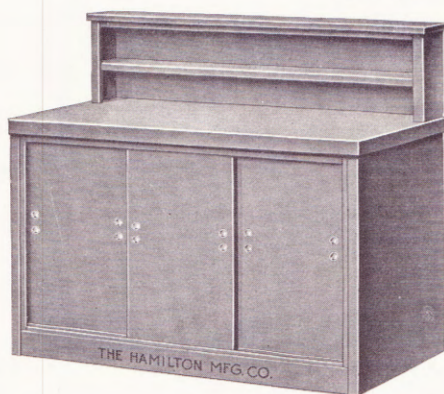
Finish: Frame is olive green enamel; zinc top is unfinished. Approximate shipping weight, 240 lbs.

The expensive process of make-ready is expedited in pressrooms in which these efficient tables are used. Overlays and underlays should be made on a firm table, adjustable to the correct light at time of cutting. The most effective use of this table is secured when it is placed before a window (preferably north light) and screened in at back and sides to

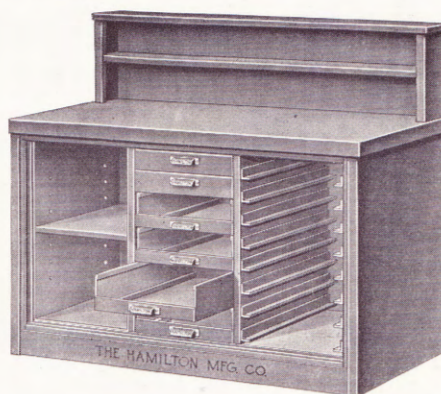
cut off the light in those directions, concentrating the light in front. In this position the impression is clearly defined. The curtain screens are suspended with curtain rings on wrought iron pipes, bent to the desired dimensions, and screwed to frame of the window or to the wall.

MONOTYPE KEYBANK, KEYBAR AND STORAGE CABINET

MADE IN BOTH STEEL AND WOOD



No. 13638 (STEEL); No. 3638 (WOOD); CABINET CLOSED
Cabinet is not sold without doors



No. 13638 (STEEL); No. 3638 (WOOD); SHOWING
INTERIOR CONSTRUCTION OF CABINET
Doors omitted for this purpose

No. 13638 Steel Monotype Keybank, Keybar and Storage Cabinet. The lower bin at left is for the storage of rolls of paper. The upper bin is for storage of empty drums. In the middle section two drawers at top are for carrying tools and appliances and job jackets and for the general convenience of the operator. The four trays in middle section under the drawers are for keybanks. In the section at right are eight pairs of extra heavy angle iron runs on which eight keybars may be suspended. The top and the shelf at rear of the top are for laying out copy, drums required for work in hand, job jackets, sorts, etc. The cabinet is provided with three sliding doors, which keeps it dust-tight.

No. 3638 Wood Monotype Keybank, Keybar and Storage Cabinet is same design as No. 13638.

Size over all, 22 $\frac{3}{4}$ x 48 $\frac{1}{8}$ in. Height to working top, 30 in.; height over all, 42 in. Approximate shipping weight: Steel, 500 lbs.; Wood, 400 lbs.

HAMILTON NEWSPAPER EQUIPMENTS

SYSTEM OF STANDARDIZED STEEL UNITS FOR TABLES

This is a system which benefits the purchaser by reducing manufacturing costs, expediting deliveries, and giving each newspaper plant an equipment of tables exactly suited to its needs.

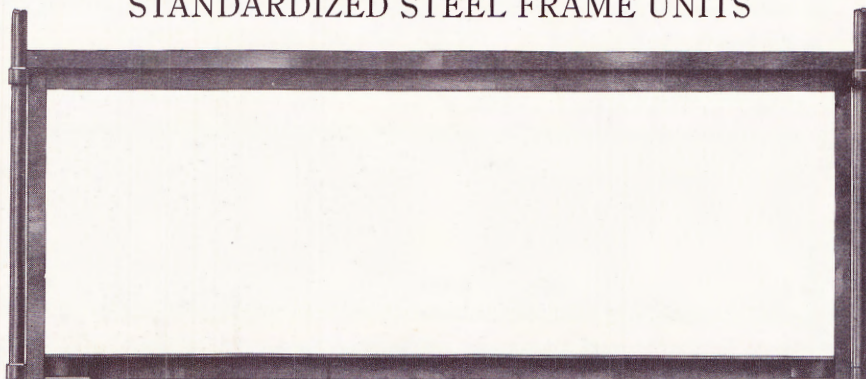
It has proved to be impossible to carry in stock a line of newspaper tables that would satisfy in every detail the varying requirements of newspaper methods and make-up. On the other hand, if every table were built specially, as ordered, the cost would be greatly increased and the deliveries would necessarily be greatly delayed. Both difficulties have been successfully overcome by the Unit System of Construction devised in 1913 by the Efficiency Department of the American Type Founders Company.

Newspaper tables (as such) are no longer manufactured; they are assembled. The various parts of these tables have been standardized, as illustrated on following pages, and are kept in stock. When orders reach the factory, tables are assembled rapidly and are shipped with the least possible delay, while the buyers have the advantages of quantity production prices.

Tables are assembled with the following parts, as required: (1) frame and ends, (2) units of fixed widths, (3) units of adjustable widths, (4) Unit No. 15594—the upright placed between other units, (5) iron or reinforced steel surface, (6) overhead bank, (7) units for overhead banks, and (8) wiring for electric lights. All openings in galley units are numbered.

The standard height of tables is 38 $\frac{1}{4}$ in.; the standard depth of top is 28 in. All underneath units are same depth as tables.

STANDARDIZED STEEL FRAME UNITS



FRONT VIEW OF STANDARDIZED STEEL FRAME UNIT, WITH W. I. PIPE AT EACH END
USED FOR OVERHEAD WIRING AND TO SUPPORT OVERHEAD BANKS

STANDARDIZED FRAMES FOR NEWSPAPER TABLES, WITH
IRON OR REINFORCED STEEL SURFACES

Unit No.	For Surface Iron or Steel	Width inside to which units are adjusted	Approx. Shipping Weights
15470	48x28 in.	43 $\frac{1}{2}$ in.	245 lbs.
15473	72x28 in.	67 $\frac{1}{2}$ in.	305 lbs.
15479	96x28 in.	91 $\frac{1}{2}$ in.	365 lbs.
15482	120x28 in.	115 $\frac{1}{2}$ in.	425 lbs.
15480	144x28 in.	139 $\frac{1}{2}$ in.	485 lbs.
15471	168x28 in.	*67 $\frac{1}{2}$ and 91 $\frac{1}{2}$ in.	670 lbs.
15472	192x28 in.	*91 $\frac{1}{2}$ and 91 $\frac{1}{2}$ in.	730 lbs.

*These are widths for units on each side of the support. When iron surfaces are joined together a stout support is placed under the joining place.

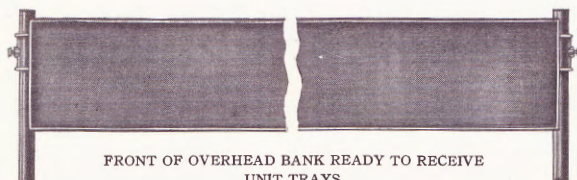
Steel Frames (as illustrated), with closed ends, are carried in stock at factory in the sizes listed at left, to take standard iron or reinforced steel surfaces 28 in. deep. When the iron surface is required to be wider than 10 ft., it is made of two pieces joined together. In the above illustration W. I. pipes are shown at the ends; these support overhead banks (if any) or overhead lights (if any).

While we give the inside widths of frames for 14 ft. and 16 ft. tables, and have occasionally supplied them, we advise against the use of tables wider than 12 ft.

STANDARDIZED OVERHEAD BANKS AND UNIT TRAYS



REAR OF OVERHEAD BANK, SHOWING STANDARD FIXED DIVISIONS

FRONT OF OVERHEAD BANK READY TO RECEIVE
UNIT TRAYS

STANDARDIZED OVERHEAD BANKS FOR NEWSPAPER TABLES

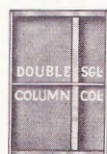
Unit No.	For Table	Width inside to which units are adjusted	*No. of Lights wired for	Depth of each Bank inside	†Approx. Shipping Weight
15394	4 ft. wide	48 $\frac{1}{16}$ in.	2	12 $\frac{1}{4}$ in.	185 lbs.
15395	6 ft. wide	72 $\frac{1}{16}$ in.	3	12 $\frac{1}{4}$ in.	275 lbs.
15400	8 ft. wide	96 $\frac{1}{16}$ in.	4	12 $\frac{1}{4}$ in.	320 lbs.
15405	10 ft. wide	121 $\frac{1}{16}$ in.	5	12 $\frac{1}{4}$ in.	380 lbs.
15406	12 ft. wide	146 $\frac{1}{16}$ in.	6	12 $\frac{1}{4}$ in.	425 lbs.
15407	14 ft. wide	170 in.	7	12 $\frac{1}{4}$ in.	470 lbs.
15408	16 ft. wide	192 $\frac{1}{8}$ in.	8	12 $\frac{1}{4}$ in.	525 lbs.

*Wiring is extra; bulbs are not furnished

†Weights include wiring for electric lights, but not unit trays

Overhead Banks for Newspaper Make-up Tables, as listed in table herewith, are two-sided. They are usually sold with the rear bank divided as illustrated above, and with a plain front bank as illustrated on left, into which unit trays may be slipped as illustrated below. These trays are designed to carry the leads, ad rules, dashes, cross rules, labor-saving column rules, and other materials required by make-up men. See table below for widths of trays. The unit trays are extra, and need to be ordered separately, as required. Wiring is included.

Overhead Banks are adjustable in height, and include pipe uprights in all widths.



No. 15425



No. 15431



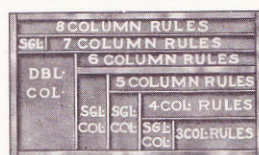
No. 15434



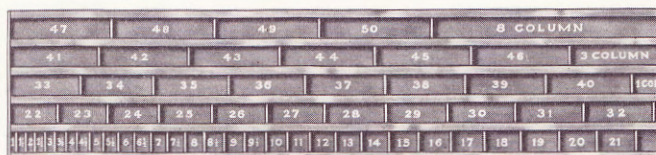
No. 15440



No. 15443



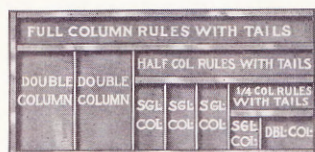
No. 15437



No. 15446

STANDARDIZED UNIT TRAYS

Unit No.	Width	Purpose of Unit Trays
15425	7 $\frac{7}{8}$ in.	For single and double col. rules, leads or dashes
15428	23 $\frac{3}{8}$ in.	For full, half or quarter lengths of col. rules with tails, and single and double col. materials
15431	23 $\frac{3}{4}$ in.	For labor-saving col. rules, etc., lengths as in illustration
15434	8 $\frac{1}{2}$ in.	For single col. materials
15437	20 $\frac{1}{8}$ in.	For cross rules of all widths
15440	5 $\frac{5}{16}$ in.	For short pieces of col. rules with tails
15443	10 $\frac{1}{8}$ in.	For single and double col. materials
15446	52 in.	For labor-saving col. rules, etc., lengths as in illustration



No. 15428

When fitting the unit trays on a bank, ascertain from the table herewith the width available for the trays and note the over-all widths of the trays as given above.

STANDARDIZED STEEL UNITS FOR NEWSPAPER TABLES

The system of standardized units is explained on page 1110. The utility of the system is demonstrated in the newspaper tables shown on pages 1116 to 1119. The method of their utilization is thus: Determine on the width of table; ascertain the inside width of standardized frame as given in table on page 1110; select the most desirable units on this and following pages that will fill the inside width of the frame, always allowing for the upright units No. 15594 (page 1115), 2 in. wide, which must be placed between units to support the top of table. Adjustments of units within the frame are made by widening or shortening the flexible units shown on page 1115.



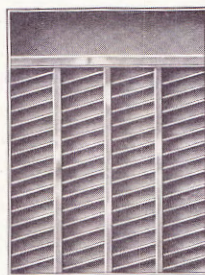
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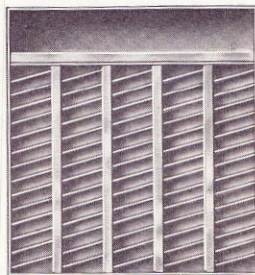
No. 15500



No. 15506



No. 15512



No. 15513

No. 15499 Unit. Width, $6\frac{1}{8}$ in. One-tier single column galleys, with bin.
 No. 15500 Unit. Width, $11\frac{1}{8}$ in. Two-tier single column galleys, with bin.
 No. 15506 Unit. Width, $17\frac{1}{8}$ in. Three-tier single column galleys, with bin.
 No. 15512 Unit. Width, $22\frac{3}{8}$ in. Four-tier single column galleys, with bin.
 No. 15513 Unit. Width, $28\frac{1}{8}$ in. Five-tier single column galleys, with bin.



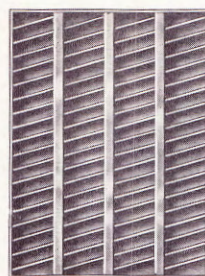
No. 15502



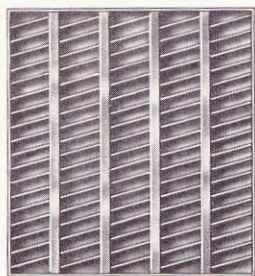
No. 15503



No. 15509



No. 15515



No. 15516

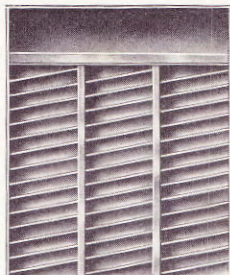
No. 15502 Unit. Width, $6\frac{1}{8}$ in. One-tier single column galleys, without bin.
 No. 15503 Unit. Width, $11\frac{1}{8}$ in. Two-tier single column galleys, without bin.
 No. 15509 Unit. Width, $17\frac{1}{8}$ in. Three-tier single column galleys, without bin.
 No. 15515 Unit. Width, $22\frac{3}{8}$ in. Four-tier single column galleys, without bin.
 No. 15516 Unit. Width, $28\frac{1}{8}$ in. Five-tier single column galleys, without bin.



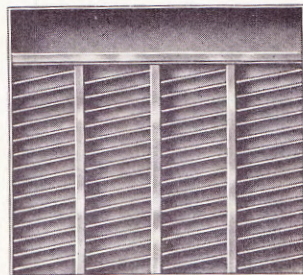
No. 15517



No. 15524



No. 15530



No. 15536

No. 15517 Unit. Width, $8\frac{1}{8}$ in. One-tier double column galleys, with bin.
 No. 15524 Unit. Width, $17\frac{1}{8}$ in. Two-tier double column galleys, with bin.
 No. 15530 Unit. Width, $25\frac{1}{8}$ in. Three-tier double column galleys, with bin.
 No. 15536 Unit. Width, $33\frac{1}{8}$ in. Four-tier double column galleys, with bin.

STANDARDIZED STEEL UNITS FOR NEWSPAPER TABLES

Continued from page 1110

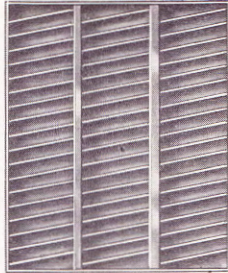
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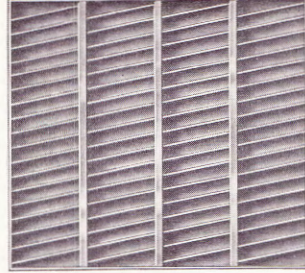
No. 15520



No. 15527



No. 15533



No. 15539

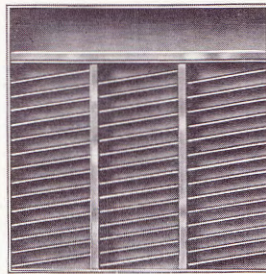
No. 15520 Unit. Width, $8\frac{1}{8}$ in. One-tier double column galleys, without bin.
 No. 15527 Unit. Width, $17\frac{1}{8}$ in. Two-tier double column galleys, without bin.
 No. 15533 Unit. Width, $25\frac{1}{8}$ in. Three-tier double column galleys, without bin.
 No. 15539 Unit. Width, $33\frac{1}{8}$ in. Four-tier double column galleys, without bin.



No. 15518



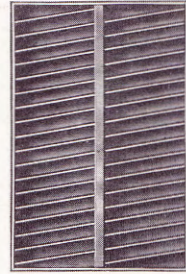
No. 15542



No. 15548

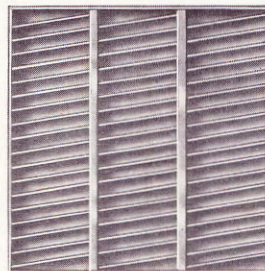


No. 15521



No. 15545

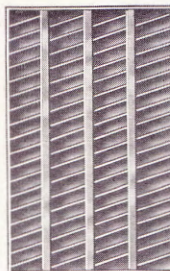
No. 15518 Unit. Width, $10\frac{1}{4}$ in. One-tier triple column galleys, with bin.
 No. 15542 Unit. Width, 20 in. Two-tier triple column galleys, with bin.
 No. 15548 Unit. Width, $29\frac{1}{4}$ in. Three-tier triple column galleys, with bin.
 No. 15521 Unit. Width, $10\frac{1}{4}$ in. One-tier triple column galleys, without bin.
 No. 15545 Unit. Width, 20 in. Two-tier triple column galleys, without bin.



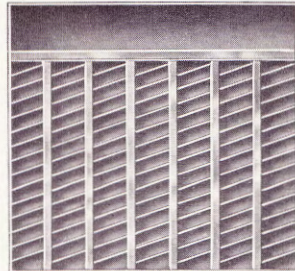
No. 15551



No. 15552



No. 15555



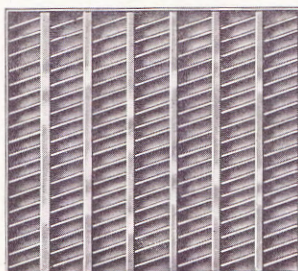
No. 15558

No. 15551 Unit. Width, $29\frac{1}{4}$ in. Three-tier triple column galleys, without bin.
 No. 15552 Unit. Width, $19\frac{1}{4}$ in. Four-tier lino galleys, with bin.
 No. 15555 Unit. Width, $19\frac{1}{4}$ in. Four-tier lino galleys, without bin.
 No. 15558 Unit. Width, $33\frac{1}{8}$ in. Seven-tier lino galleys, with bin.

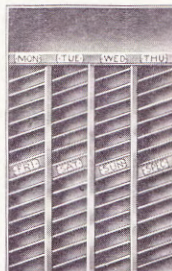
STANDARDIZED STEEL UNITS FOR NEWSPAPER TABLES

Continued from page 1110

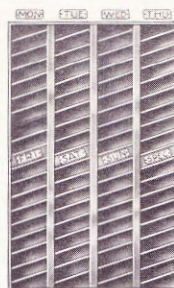
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No. 15564

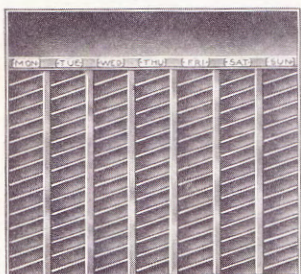


No. 15567

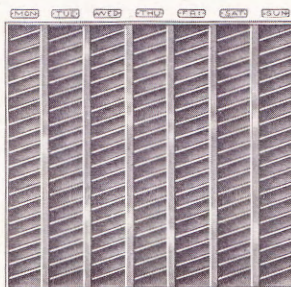


No. 15570

- No. 15564 Unit. Width, $33\frac{1}{8}$ in. Seven-tier lino galleys, without bin.
 No. 15567 Unit. Width, $19\frac{1}{4}$ in. Four-tier lino galleys for overrun ads, with bin.
 No. 15570 Unit. Width, $19\frac{1}{4}$ in. Four-tier lino galleys for overrun ads, without bin.



No. 15573

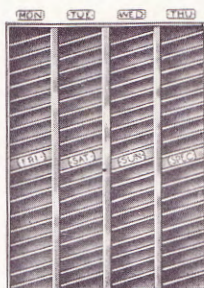


No. 15577

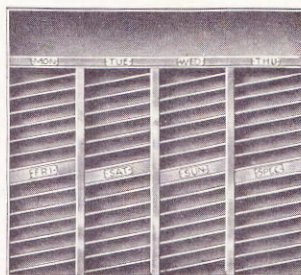


No. 15511

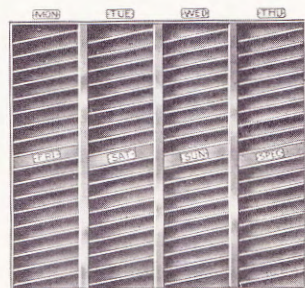
- No. 15573 Unit. Width, $33\frac{1}{8}$ in. Seven-tier lino galleys for overrun ads, with bin.
 No. 15577 Unit. Width, $33\frac{1}{8}$ in. Seven-tier lino galleys for overrun ads, without bin.
 No. 15511 Unit. Width, $22\frac{3}{4}$ in. Four-tier single-column galleys for overrun ads, with bin.



No. 15514



No. 15537



No. 15540

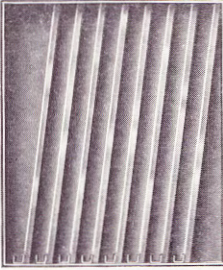
- No. 15514 Unit. Width, $22\frac{3}{4}$ in. Four-tier single column galleys, for overrun ads, without bin.
 No. 15537 Unit. Width, $33\frac{1}{8}$ in. Four-tier double column galleys for overrun ads, with bin.
 No. 15540 Unit. Width, $33\frac{1}{8}$ in. Four-tier double column galleys for overrun ads, without bin.

STANDARDIZED STEEL UNITS FOR NEWSPAPER TABLES

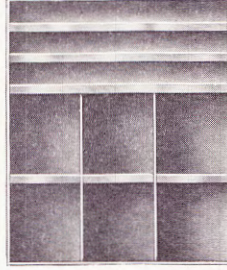
Continued from page 1110

†Units Nos. 15590, 15581, 15587 and 15594 (below) are flexible. Bins and shelves in them may be shortened or widened to fill space not occupied by other units in a standardized frame.

*Upright Unit No. 15594 is flexible, and is required between units to support top of the table. It is usually 2 in. wide, but may be as wide as 4 in. or as narrow as 1¼ in.



No. 15584



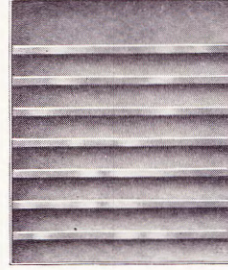
†No. 15590



†No. 15581



No. 15593



†No. 15587

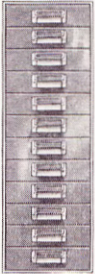
No. 15584 Unit. Width, 25¼ in. Chase rack for eight chases.

†No. 15590 Unit. Width, 25¼ in. Plate matter and live galley shelves.

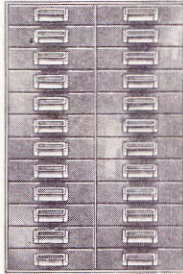
†No. 15581 Unit. Width, 10¼ in. Bins for dead galleys.

No. 15593 Unit. Width, 10¼ in. Bins for full length column rules; fit in any bin 10¼ in. or wider.

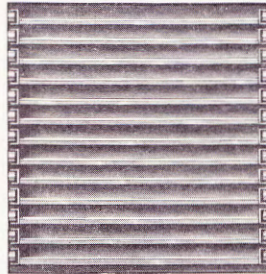
†No. 15587 Unit. Width, 25¼ in. Live galley boards, with dead galley bin.



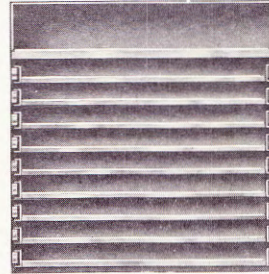
No. 15560



No. 15561



No. 15579



No. 15576

No. 15560 Unit. Width, 10¼ in.

No. 15561 Unit. Width, 20½ in.

No. 15579 Unit. Width, 30 in.

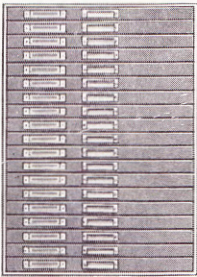
No. 15576 Unit. Width, 30 in.

One-tier drawers for quarter size cases, with bins in rear.

Two-tier drawers for quarter size cases, with bins in rear.

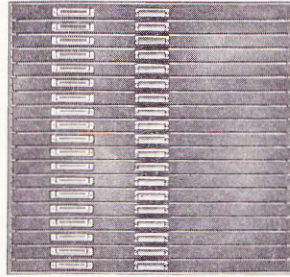
Letterboard Unit with rollers, without bin, 13 No. 12500 Newspaper letterboards, each 24x28 in. inside, open in front and rear.

Letterboard Unit with rollers, with bin, 9 No. 12500 Newspaper letterboards, each 24x28 in. inside, open in front and rear.



No. 15563

No. 15566



No. 15572; as illustrated

No. 15569; with 2 pulls and 1 label holder



No. 15557



*No. 15594

No. 15566 Unit. Width, 22½ in. Two-thirds size case unit, 19 steel front California job cases, without bin.

No. 15563 Unit. Width, 22½ in. Two-thirds size case unit, 19 steel blank cases, without bin.

No. 15572 Unit. Width, 32½ in. Full size case unit, 19 steel front California job cases, without bin.

No. 15569 Unit. Width, 32½ in. Full size case unit, 19 steel blank cases, without bin.

No. 15557 Unit. Width, 11½ in. 15 drawers for machine borders.

*No. 15594 Unit. Width, 2 in. Upright to go between units. May be wider or narrower.

HAMILTON NEWSPAPER MAKE-UP TABLES

MADE IN BOTH STEEL AND WOOD

Though made in both wood and steel, we strongly recommend steel construction, both for these tables and for all other equipments used in newspaper plants. Steel will prove the more economical in the end.

All component parts of these tables are standardized units, as described on preceding pages. These units are kept in stock and will be assembled in any combination desired should any unit included in the tables here shown be superfluous or otherwise unsuited to a customer's needs. When tables are required for special purposes, not covered by the tables here illustrated, customers are advised to consult our nearest selling house for sketch (if necessary) and quotation.

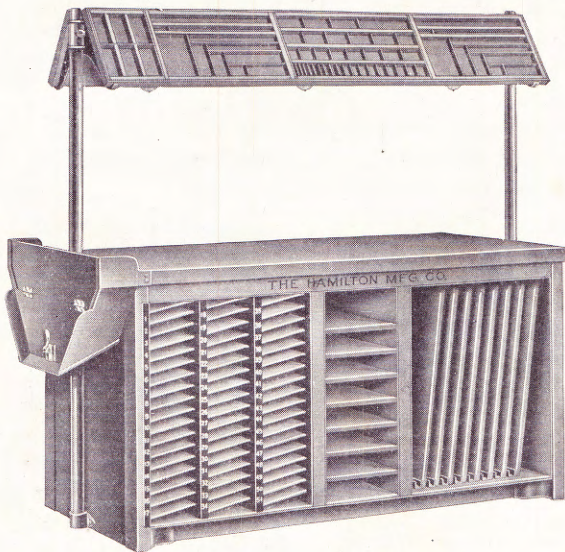
MAKE-UP TABLES VERSUS MAKE-UP TRUCKS.—If trucks are used for diversified make-up of news and unclassified ad. pages, the great variety of make-up materials required is carried on a table set between two make-up trucks, which also holds the live and dead galleys. This is good practice if there is ample floor space, but in crowded, large newspaper plants, issuing frequent editions, trucks thus used for make-up take one-third more floor space than if the same work were done on long stationary tables, which provide every facility for making-up in the minimum of space and of time. Wherever a prejudice exists against these make-up tables it is cherished by men who have not used them. For classified ads. and other matter running in unbroken columns make-up trucks are efficient.

OVERHEAD BANKS.—Modern make-up demands the use of a greater variety of materials by the make-up men than was ever dreamed of by men brought up to use make-up trucks. No method of carrying these materials has been devised that equals our overhead banks for convenience and capacity. These banks are adjustable in height. They afford an unexcelled place in which to carry and reflect overhead lights. See overhead bank on picture below.

DEAD SLUG BINS.—These are made to attach to ends of tables, as at left on table illustrated below. The dead slugs are pushed into the bin, which is open at top and remains closed at outlet until a waste-metal truck is run under the bin, as illustrated on opposite page, after which the contents are easily discharged into the metal truck. Dead Slug Bins are attachable to all kinds of tables 28 in. deep.

HAMILTON SIX-FOOT MAKE-UP TABLES

MADE IN BOTH STEEL AND WOOD



No. 15600 (IN STEEL); No. 5600 (IN WOOD)

Note carefully.—This is shown as a typical 6 ft. newspaper make-up table. Any of the overhead or underneath standardized units shown on preceding pages may be substituted for the units shown in this illustration. In substituting keep in mind that the width inside the standardized 6 ft. frame is 67½ in. and the width inside the overhead bank is 72½ in. and that any excess or shortage of width of underneath units may be adjusted in the flexible units, Nos. 15590, 15581, 15587. Flexible units are priced according to width. Dead slug bin and standard unit trays for overhead bank need to be ordered separately, if they are required.

No. 15600 Steel Newspaper Make-up Table, as illustrated, has iron top 28x72 in., flush on all edges, with dead

slug bin attached on one end (right or left, to suit the convenience of purchaser), overhead bank and wiring for 3 lights.

The units (left to right) are: No. 15533, with numbered shelves; No. 15594 for necessary upright support; No. 15587 for live matter on galleys, the width of which (in this table, 17 in.) is regulated by the space left after other units have been placed; No. 15594, another necessary upright; and No. 15548 for eight 8 column stereotype chases. All units open clear through.

The tray units in front of overhead bank are (left to right) Nos. 15434, 15437, 15431, 15437. The rear of overhead bank has fixed divisions as illustrated on page 1111. Each side of overhead bank is $12\frac{1}{4} \times 72\frac{1}{2}$ in. inside.

No. 5600 Wood Newspaper Make-up Table is same as described above.

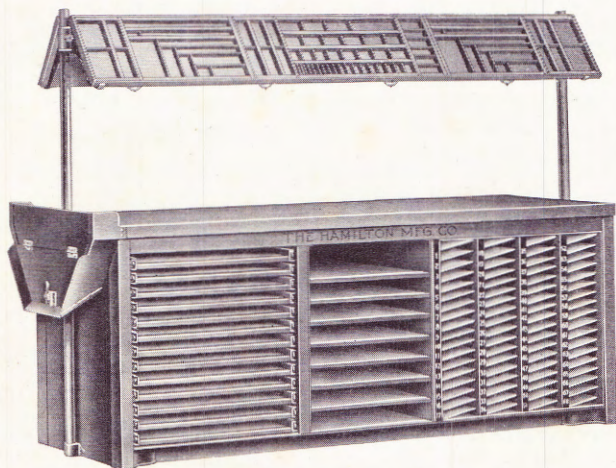
Floor space, 28x80 in. Height to working surface, $38\frac{1}{4}$ in.; height over all, $78\frac{1}{2}$ in. Approximate shipping weight: Steel, 1850 lbs.; Wood, 1700 lbs.

HAMILTON EIGHT-FOOT MAKE-UP TABLES

MADE IN BOTH STEEL AND WOOD

Note carefully.—This is shown as a typical 8 ft. newspaper make-up table. Any of the overhead or underneath standardized units shown on preceding pages may be substituted for the units shown in this illustration. In substituting keep in mind that the width inside the standardized

8 ft. frame is $91\frac{1}{2}$ in. and the width inside the standardized overhead bank is $96\frac{1}{16}$ in., and that any excess or shortage of width of underneath units may be adjusted by widening or shortening the flexible units, Nos. 15590, 15581, 15587. Flexible units are priced according to width. Dead slug bin and standard unit trays need to be ordered separately, if they are required.



No. 15615 (IN STEEL); No. 5615 (IN WOOD)

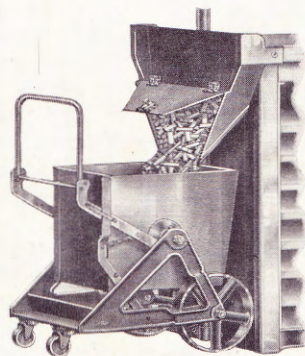
The units (left to right) are: No. 15579 with 13 newspaper letterboards, each 24x28 in. inside; No. 15594 for necessary upright support; No. 15587 for live matter on galleys, the width of which (in this table, $23\frac{3}{4}$ in.) is regulated by the space left after other units have been placed; No. 15594, another necessary upright; and No. 15539 for 68 double column galleys, each shelf numbered consecutively. All units open clear through.

The tray units in front of overhead bank are (left to right) Nos. 15425, 15437, 15434, 15431, 15440, 15437, 15443. The rear of overhead bank has fixed divisions, as illustrated on page 1111. Each side of overhead bank is $12\frac{1}{4} \times 96\frac{1}{16}$ in. inside.

No. 5615 Wood Newspaper Make-up Table is same in design and in equipment as No. 15615.

Floor space, 28x102 in. Height to working surface, $38\frac{1}{4}$ in.; height over all, $78\frac{1}{2}$ in. Approximate shipping weight: Steel, 2450 lbs.; Wood, 2100 lbs.

Newspaper make-up tables may be bought without overhead banks and without dead slug bins.

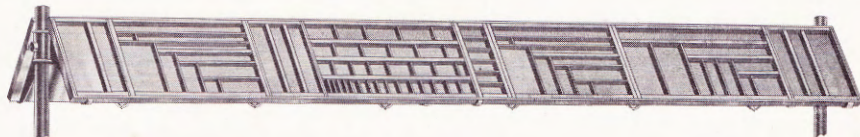


No. 15673 DEAD SLUG BIN ON END OF TABLE, DUMPING INTO TRUCK

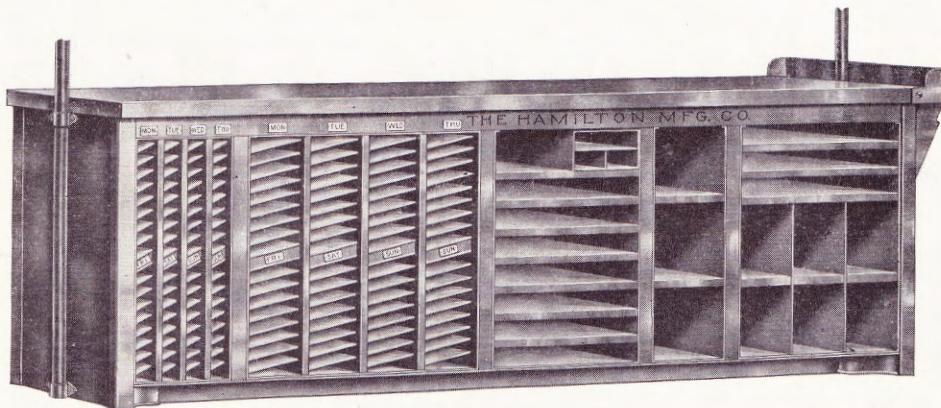
HAMILTON TEN-FOOT MAKE-UP TABLES

MADE IN BOTH STEEL AND WOOD

Note carefully.—This is shown as a typical 10 ft. newspaper make-up table. Any of the overhead or underneath standardized units shown on preceding pages may be substituted for the units shown in the illustration. In substituting keep in mind that the width inside the standardized 10 ft. frame is 115½ in., and that the width inside the standardized overhead bank is 121⅞ in., and that any excess or shortage of width of underneath units may be adjusted by widening or shortening the flexible units Nos. 15590, 15581, 15587. Flexible units are priced according to width. Dead slug bin (shown at right in picture) and standard unit trays need to be ordered separately, if they are required.



Clearance between iron surface and overhead bank is usually 40 in., but is adjustable



No. 15612 (IN STEEL); No. 5612 (IN WOOD)

No. 15612 Steel Newspaper Make-up Table, as illustrated, has iron surface 28x120 in., flush on all edges, with dead slug bin attached at one end (right or left, to suit the convenience of purchaser), overhead bank (adjustable to height) and wiring for 6 lights.

The units (left to right) are: No. 15570 for 64 lino galleys to carry hold-over ads., all shelves numbered consecutively; No. 15594 for necessary upright support; No. 15540 for 64 double column galleys to carry hold-over ads., all shelves numbered consecutively; No. 15594, upright; No. 15587, a flexible unit, for live matter on galleys, the width of which (in this table 18¾ in. inside) is regulated by the space left over after other units have been placed; No. 15593, set in upper right corner of unit No. 15587, for full length column and cross rules; No. 15594, upright; No. 15581, with three bins for empty galleys, the width of which is usually 10¾ in. (as in this table), but may be widened or shortened according to space available; No. 15594, another necessary upright; and No. 15590, a flexible unit for live matter on galleys and plate matter, the width of which is usually 25⅞ in. (as in this table), but may be widened or shortened according to space available.

The tray units in front of overhead bank are (left to right): Nos. 15425, 15437, 15434, 15431, 15440, 15437, 15428 and 15443. The rear of overhead bank has fixed divisions, as illustrated on page 1111. Each side of overhead bank is 12¼x121⅞ in. inside.

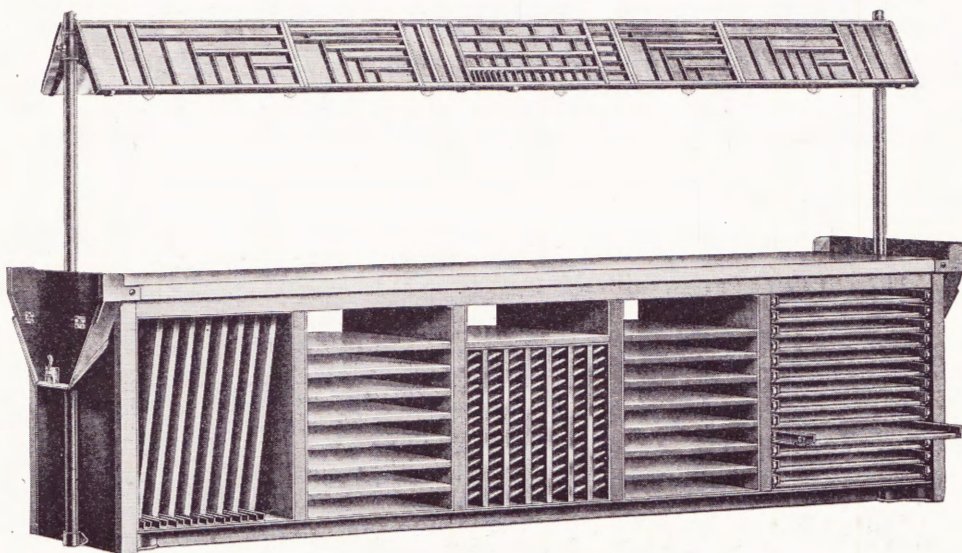
No. 5612 Wood Newspaper Make-up Table is same in design and has same equipment as No. 15612.

Floor space, 28x128 in. Height to working surface, 38¼ in.; height over all, 78½ in. Approximate shipping weight: Steel, 2850 lbs.; Wood, 2450 lbs.

HAMILTON TWELVE-FOOT MAKE-UP TABLES

MADE IN BOTH STEEL AND WOOD

Note carefully.—This is shown as a typical 12 ft. newspaper make-up table. Any of the overhead or underneath standardized units shown on preceding pages may be substituted for the units shown in the illustration. In substituting keep in mind that the width inside the standardized 12 ft. frame is 139½ in., and that the width inside the standardized overhead bank is 146⅞ in., and that any excess or shortage of width of underneath units may be adjusted by widening or shortening the flexible units Nos. 15590, 15581, 15587. Flexible units are priced according to width. Dead slug bins and standard unit trays need to be ordered separately, if they are required.



No. 15614 (IN STEEL); No. 5614 (IN WOOD)

No. 15614 Steel Newspaper Make-up Table, as illustrated, has iron surface 28x144 in., flush on all edges, with 2 dead slug bins attached on ends, overhead bank (adjustable to height) and wiring for 6 lights. Overhead bank supported in center by a rod secured to ceiling.

The units (left to right) are: No. 15584 for eight 8 column stereotype chases; No. 15594 for necessary upright support; No. 15587, a flexible unit for live matter on galleys, the width of which (in this table 21 in.) is regulated by the space left over after other units have been placed; No. 15594, upright; No. 15587 for 91 lino galleys, with dead galley bin on top, all shelves numbered consecutively; No. 15594, upright; another No. 15587 for live matter on galleys; No. 15594, another necessary upright support; and No. 15579 with 13 letterboards, each 24x28 in. inside. All units open clear through.

The tray units in front of overhead bank are (left to right): Nos. 15425, 15428, 15437, 15434, 15431, 15440, 15437, 15428, 15443. The rear of overhead bank has fixed divisions, as illustrated on page 1111. Each side of overhead bank is 12¼x146⅞ in. inside.

No. 5614 Wood Newspaper Make-up Table is same in design and has same equipment as No. 15614.

Floor space, 28x152 in. Height to working surface, 38¼ in.; height over all, 78½ in. Approximate shipping weight: Steel, 3700 lbs.; Wood, 3200 lbs.

NOTE.—Newspaper Make-up Tables are also made in 14 ft. and 16 ft. widths, with iron surfaces in two widths joined together, with a stout support under joining point. For inside widths of standardized frames and overhead banks for 14 ft. and 16 ft. tables see pages 1110 and 1111. Overhead banks for these extra wide tables are supported at centers by rods secured to the ceiling.

HAMILTON WATER-COOLED IRON MAKE-UP SURFACES

No. 15728 Water-cooled Iron Make-up Surface, 28x60 in., flush on all edges (unless otherwise ordered), supplied with inlet and outlet connections, as illustrated. This surface is 4 in. high, and when placed on a standardized unit newspaper make-up table it increases height of table 2 in.



WATER-COOLED IRON SURFACE No. 15728 (X-RAY VIEW SHOWING THE PIPES WHICH SPRAY THE IRON SURFACE)

they come from the stereotype room, on water-cooled iron surfaces. These may be attached to a special table, as illustrated below, or may be substituted in whole or in part for a regular iron make-up surface on any standardized newspaper make-up table.

The X-ray illustration shows how the perforated water pipes are arranged under the iron surface, spraying the iron, while the water drains off rapidly through an outlet pipe. The pipes are not in contact with the iron of the surface, which is kept constantly cool while it is absorbing the heat from the hot type form.

No. 15729 Water-cooled Iron Make-up Surface, 28x72 in., in other respects than width same as No. 15728.

Approximate shipping weight: No. 15728, 800 lbs.; No. 15729, 975 lbs.

Other widths made to order.

In newspaper plants issuing several editions in rapid succession the make-up is facilitated by placing the forms, as

HAMILTON STEEL WATER-COOLED MAKE-UP TABLE

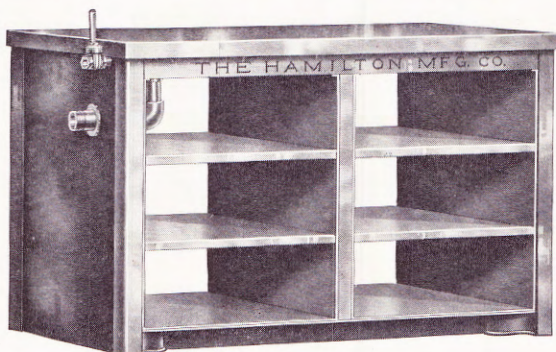
No. 15675 Steel Water-cooled Make-up Table, with water-cooled surface No. 15728 (described above), 28x60 in. Illustration shows inlet and outlet pipes with stopcock.

Overhead electric wiring (two lights) supplied as an extra, if required.

Height, 38¼ in. Approximate shipping weight, 1245 lbs.

Other sizes built to order.

The arrangement of the space under the water-cooled surface may be changed to suit special needs.



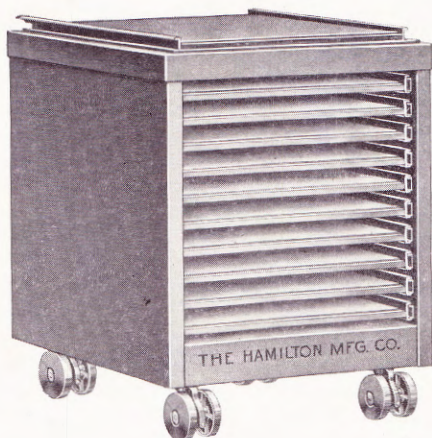
No. 15675 (IN STEEL), COMPLETE WITH WATER-COOLED TOP

STEEL NEWSPAPER FORM TRANSFER TRUCK

No. 15730 Steel Newspaper Form Transfer Truck, with 10 steel letterboards, each 23¾ in. wide and 29¼ in. deep inside, rabbeted in front, flush in rear, with side rails extended at each side. The truck has double-wheel casters.

Floor space, 32x29¼ in. Height, 38¼ in. to top of bed of a letterboard when it is placed on top of truck, as shown in illustration. Approximate shipping weight, 590 lbs.

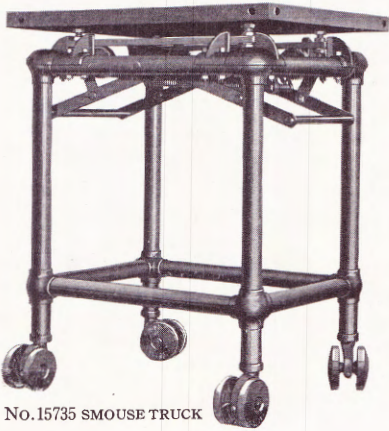
Extensions of the side rails support the weight of the form and of the letterboard on the imposing surface during the process of shifting the form to or from the make-up table, which is also useful for storage purposes.



No. 15730 (IN STEEL)

SMOUSE ADJUSTABLE TRANSFER TRUCK

Patented October 7, 1913



No. 15735 SMOUSE TRUCK

No. 15735 Smouse Adjustable Transfer Truck, $25\frac{1}{2} \times 30\frac{1}{2}$ in. iron surface, for eight column page. Approximate shipping weight, 340 lbs.

Top may be raised or lowered a total of five-eighths of an inch, or five-sixteenths of an inch either way from a given center. When ordering, be sure to state specifically exact height of tables the truck is to work with.

Designed especially for use in connection with stationary make-up tables and steam tables. A slight pressure on the handle at either end instantly raises or lowers the top to the desired height and it *stays where you put it*. No wheels to turn; no levers to manipulate. The most satisfactory truck ever designed for this purpose. It prevents delays, hastens the movement of pages, and makes the work easier for make-up men, overcoming annoyances caused by tables of unequal heights or by inequalities in floors.

HAMILTON MAKE-UP TRUCKS

PIPE FRAME CONSTRUCTION

No. 15731 Seven Column Make-up Truck with cast iron top, size $23\frac{1}{2} \times 28\frac{1}{2}$ in.

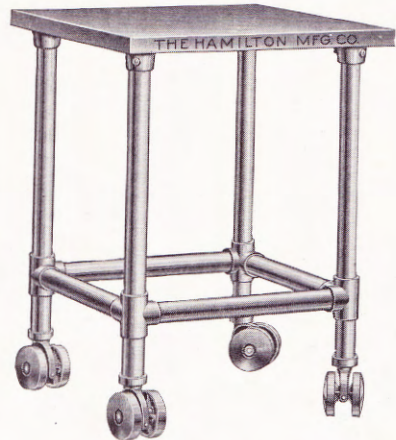
No. 15733 Eight Column Make-up Truck with cast iron top, size $25\frac{1}{2} \times 30\frac{1}{2}$ in.

Tops accurately machined. Frames are of heavy pipe construction. Have double-wheel ball-bearing swivel casters. Ball-bearing casters make the trucks easy to push and guide.

Standard height of trucks, $38\frac{1}{4}$ in.; but any height will be supplied on special order. Approximate shipping weight: No. 15731, 365 lbs.; No. 15733, 400 lbs.

Chase guards at one side and back will be added to the iron top of these trucks on special order.

Finish, olive green baked enamel on frame.



No. 15731—SEVEN COLUMN SIZE
No. 15733—EIGHT COLUMN SIZE



No. B-700
SUPERIOR STEEL
MAKE-UP TRUCK

SUPERIOR MAKE-UP TRUCKS

No. B-700 Six Column Make-up Truck, iron surface $20\frac{1}{2} \times 26\frac{1}{2}$ in. Approximate shipping weight, 240 lbs.

No. B-701 Seven Column Make-up Truck, iron surface 24×28 in. Approximate shipping weight, 275 lbs.

No. B-702 Eight Column Make-up Table, iron surface $25\frac{1}{2} \times 30\frac{1}{2}$ in. Approximate shipping weight, 310 lbs.

No. B-703 Nine Column Make-up Table, iron surface $27\frac{1}{2} \times 32\frac{1}{2}$ in. Approximate shipping weight, 350 lbs.

Height, $38\frac{1}{4}$ in.; but any other height furnished to order. Casters, single wheel. Iron surface, 2 in. thick.

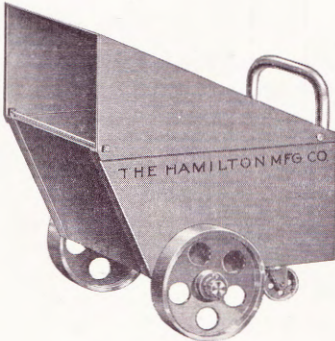
EXTRAS FOR SUPERIOR MAKE-UP TRUCKS

Chase Guards: Steel pins or steel bars in head and on one side.

Brass Surfaces: Solid or brass on iron.

HAMILTON STEEL WASTE-METAL TRUCKS

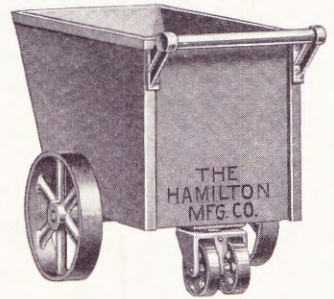
No. 13485 Waste-Metal Truck, same as illustration at left, but without hood; capacity, 2100 cubic in. Diameter of wheels: large, 8 in.; small, 2 $\frac{5}{8}$ in. Size over all, 20 $\frac{1}{2}$ x17 in. Height over all, 18 in. Approximate shipping weight, 100 lbs.



No. 13485-A, WITH HOOD ATTACHED
No. 13485, WITHOUT HOOD

No. 13485-A Waste-Metal Truck, with hood, as illustrated; capacity, 2100 cubic in. Same as No. 13485, except that hood is added. Height, 22 in. Approximate shipping weight, 125 lbs.

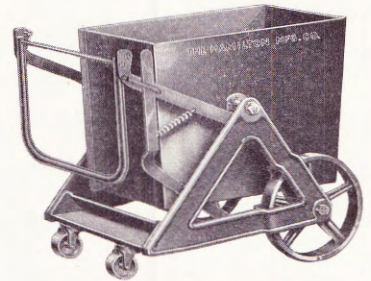
No. 13487 Waste-Metal Truck, as illustrated, extra heavy construction; capacity, 4850 cubic in. Diameter of wheels: large, 12 in.; small, 4 $\frac{1}{4}$ in. Size over all, 27x20 in. Height, 25 $\frac{3}{8}$ in. Approx. shipping weight, 150 lbs.



No. 13487 WASTE-METAL TRUCK

HAMILTON SELF-DUMPING WASTE-METAL TRUCK

No. 13490 Self-Dumping Waste-Metal Truck, as illustrated; capacity, 2850 cubic in. Truck is dumped by means of a lever at right of truck, which releases the lock that holds truck upright. After discharging contents, truck automatically returns to upright position. Diameter of wheels: large, 10 in.; small, 2 $\frac{5}{8}$ in. Size over all, 23 $\frac{3}{4}$ x19 $\frac{3}{4}$ in. Height, with handle raised, 33 in.; with handle lowered, as in illustration, 23 in. Approximate shipping weight, 170 lbs.



No. 13490, EMPTY AND READY TO
RECEIVE THE WASTE METAL

HAMILTON SIX-FOOT DUMPING TABLE

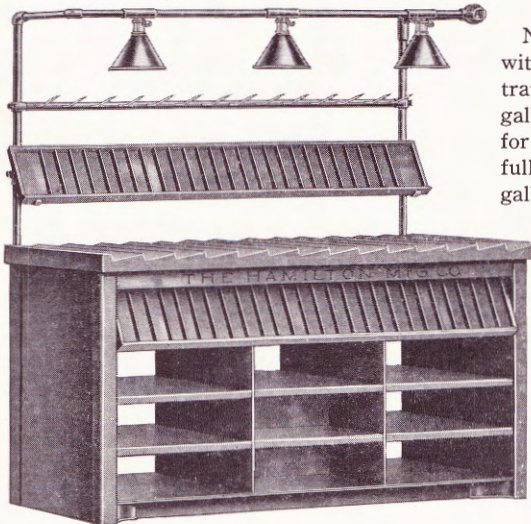
MADE IN BOTH STEEL AND WOOD

No. 15652 Steel Six-Foot Dumping Table with 28x72 in. sheet steel galley top, as illustrated. Top takes 14 galleys, each sloping galley space 5 in. wide. Body has in it a bank for take slugs and 7 full-depth shelves for full-length galleys, 4 shelves for half-length galleys (2 on each side), and 3 shelves for full-length galleys in rear of take slug rack. Overhead is a bank for leads and dashes and also a copyhook bar. Both copy bar and lead bank are adjustable in height.

Wiring for 3 lamps is extra.

No. 5652 Wood Six-Foot Dumping Table is similar in design to No. 15652.

Floor space, 28x72 in. Height to working surface, 37 $\frac{1}{2}$ in.; height over all, including electric fixtures, 72 in. Approximate shipping weight: Steel, 1400 lbs.; Wood, 1100 lbs.



No. 15652 (IN STEEL); No. 5652 (IN WOOD)

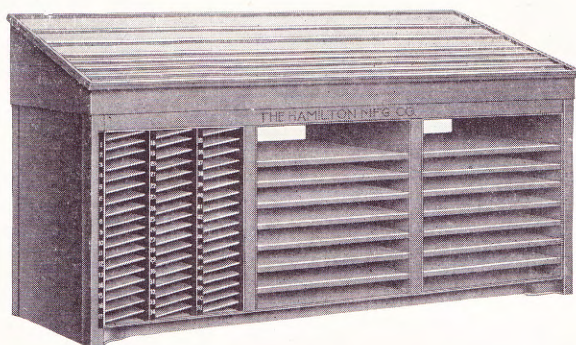
HAMILTON EIGHT-FOOT DUMPING BANK

MADE IN BOTH STEEL AND WOOD

No. 15655 Steel Eight-Foot Dumping Bank, 28x96 in., as illustrated, with reinforced steel bank, divided laterally by brass tubing, for single, double and triple column galleys. Four of the lateral divisions on bank are spaced $2\frac{1}{4}$ in. wide; two $4\frac{1}{2}$ in. wide; and one $6\frac{3}{4}$ in. wide. The body has numbered shelves for 51 double column galleys, 14 openings ($30\frac{7}{8}$ in. wide inside) for carrying live matter on galleys, and two larger openings for empty galleys. Any other arrangement of standardized units that will fit into a width of $91\frac{1}{2}$ in. may be substituted for those shown, and the bank may be divided as required, subject to quotations.

No. 5655 Wood Eight-Foot Dumping Bank is similar in its design to No. 15655.

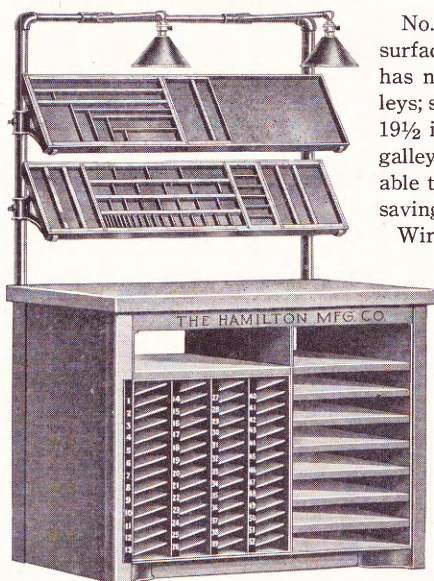
Floor space, 28x96 in. Height to front of bank, 41 in.; height over all, 52 in. Approximate shipping weight: Steel, 1500 lbs.; Wood, 1200 lbs.



No. 15655 (IN STEEL); No. 5655 (IN WOOD)

HAMILTON FOUR-FOOT ASSEMBLING TABLE

MADE IN BOTH STEEL AND WOOD



No. 15670 (IN STEEL); No. 5670 (IN WOOD)

Floor space, 28x48 in. Height to working surface, $38\frac{1}{4}$ in.; height over all, $78\frac{1}{2}$ in. Approximate shipping weight: Steel, 1200 lbs.; Wood, 1000 lbs.

No. 15670 Steel Four-Foot Assembling Table, with iron surface 28x48 in., flush on all edges, as illustrated. The body has numbered galley shelves for 52 single column galleys; seven openings for live matter on galleys, each shelf $19\frac{1}{2}$ in. wide inside; and two larger openings for empty galleys. Overhead there are two one-sided banks, adjustable to height, holding unit trays for leads, dashes, labor-saving column rules and cross rules.

Wiring for two lamps is extra and needs to be ordered separately, if required.

Any other arrangement of units that will fit in a width of $43\frac{1}{2}$ in. in the body, or that will fit in a width of 48 in. on the overhead banks, may be selected, subject to quotations. Units are shown on pages 1110 to 1115.

A dead slug bin, as shown on page 1117, may be attached at either end, or both.

No. 5670 Wood Four-Foot Assembling Table is similar in design to No. 15670.

Wider tables with standardized frames, and with any desired assortment of standardized underneath and overhead units, can be assembled as required.

NOTE.—Any of the units shown on pages 1111 to 1115 may be substituted for any of the units used in the standardized frames and overhead banks in tables or banks shown in this catalogue. The unit system affords each buyer exactly what he may need if the buyer will study the system.

SIX-FOOT TWO-SIDED CORRECTING TABLE

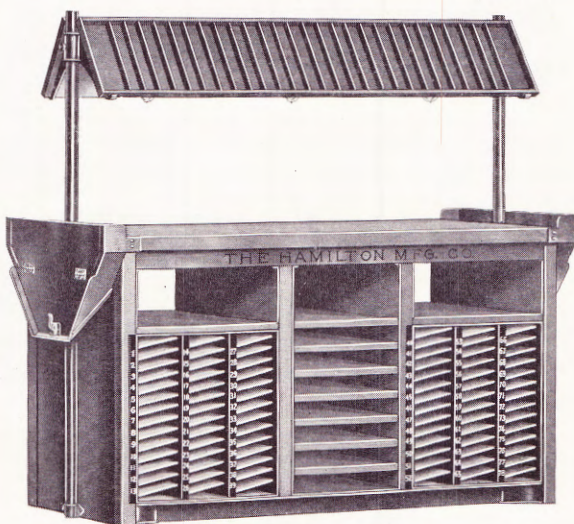
MADE IN BOTH STEEL AND WOOD

Note carefully.—Tables on this page are shown as typical correcting tables. Correcting tables will be furnished to any standard width, shorter or wider, and any of the overhead or underneath standardized units shown on preceding pages may be substituted. The inside widths of standardized frames and overhead banks are given on page 1110. The inside width of the frames of tables shown on this page is 67½ in., and of the overhead banks, 72½ in. Any excess or shortage of width of underneath units may be corrected by widening or shortening the flexible units Nos. 15590, 15581, 15587.

No. 15660 Steel Six-Foot Two-Sided Correcting Table, with reinforced steel top 28x72 in., as illustrated. Body has two standardized units, each with numbered shelves for 39 double column galleys (78 in all) and one flexible unit with seven openings for live matter on galleys each 18 in. wide inside. In each unit at top there is an open bin for holding empty galleys. The two-sided overhead bank carries on both sides single and double column leads, dashes, etc. At each end of table is a dead slug bin. Wiring for 3 lamps under the overhead bank is included.

No. 5660 Wood Six-Foot Two-Sided Correcting Table is similar in design to No. 15660.

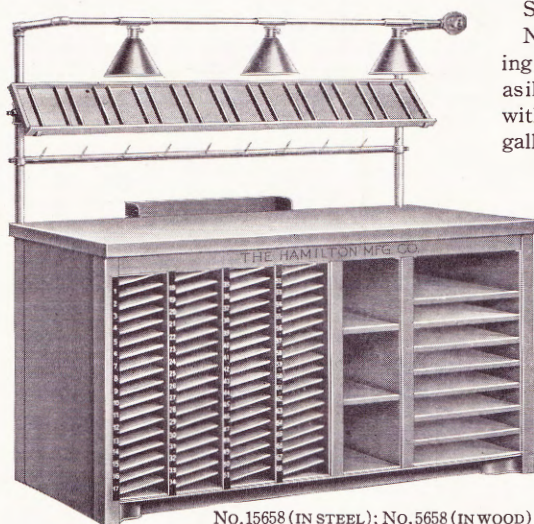
Floor space, 28x88 in. Height to working surface, 41 in.; height over all, 78½ in. Approximate shipping weight: Steel, 1500 lbs.; Wood, 1200 lbs.



No. 15660 (IN STEEL); No. 5660 (IN WOOD)

SIX-FOOT ONE-SIDED CORRECTING TABLE

MADE IN BOTH STEEL AND WOOD



No. 15658 (IN STEEL); No. 5658 (IN WOOD)

See first paragraph on this page.

No. 15658 Steel Six-Foot One-Sided Correcting Table, with reinforced steel top 28x72 in., as illustrated. The body has a standardized unit with numbered shelves for 68 double column galleys, a flexible unit for empty galleys, and a flexible unit with 7 openings for live matter on galleys, with a larger opening at top for empty galleys. Overhead is a bank for leads, dashes, rules, etc., and a copyhook bar, both adjustable in height. In the rear is a special dead slug bin, not detachable. The wiring for 3 lamps is a part of the regular equipment.

No. 5658 Wood One-Sided Correcting Table is similar in design to No. 15658.

Floor space, 28x72 in. Height to working surface, 38¼ in.; height over all, 78½ in. Approximate shipping weight: Steel, 1400 lbs.; Wood, 1100 lbs.

SIX-FOOT RECEIVING TABLE

MADE IN BOTH STEEL AND WOOD

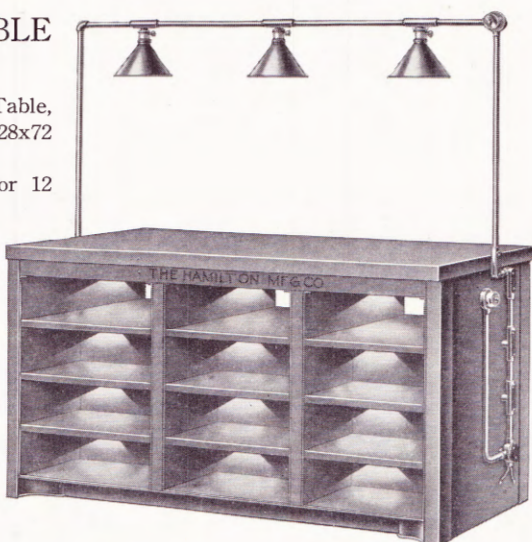
No. 15665 Steel Six-Foot Receiving Table, with reinforced steel working surface 28x72 in., all sides flush.

Wiring for 3 lamps overhead and for 12 lamps under table is included.

No. 5665 Wood Six-Foot Receiving Table is similar in design to No. 15665.

Floor space, 28x72 in. Height to working surface, 38¼ in.; height over all, 78½ in. Approximate shipping weight: Steel, 800 lbs.; Wood, 500 lbs.

Receiving tables will be supplied in any standardized width and with any standardized underneath units required. The standardized depth is 28 in. Standardized units (not tables) are kept in stock, and one combination of units may be assembled as easily as another.



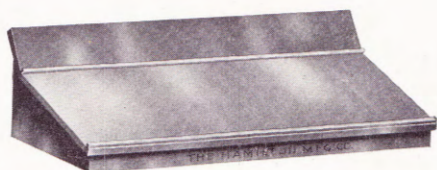
No. 15665 (IN STEEL); No. 5665 (IN WOOD)

TOPS AND SURFACES FOR NEWSPAPER EQUIPMENTS



BANK TOP, STYLE B

No. 15489, 4 ft.; No. 15490, 6 ft.; No. 15494, 8 ft.; No. 15496, 10 ft. Made of heavy steel. Furnished plain, as shown, or with lateral divisions, as desired. Depth, 28 in. Finish: black on steel tops; plain lacquer on brass tops.



BANK TOP, STYLE A

No. 15498, 4 ft.; No. 15498-A, 6 ft.; No. 15498-B, 8 ft.; No. 15498-C, 10 ft. Made of heavy steel. Furnished plain, as shown, or with lateral divisions, as desired. Depth, 28 in. Finish: black on steel tops; plain lacquer on brass tops.



GALLEY TOP, STYLE A, WITH DOUBLE COLUMN DIVISIONS

No. 15483, 4 ft.; No. 15484, 6 ft.; No. 15486, 8 ft.; No. 15487, 10 ft. Made of heavy steel, reinforced. Standard depth, 28 in. Finish, black.



REINFORCED STEEL SURFACE

No. 15488, 4 ft.; No. 15490, 6 ft.; No. 15494, 8 ft.; No. 15496, 10 ft. Made of heavy steel, reinforced with steel channels. Standard size: 2 in. thick, 28 in. deep. Finish, black.



GALLEY TOP, STYLE B, WITH BRASS STRIPS FOR GALLEYS

No. 15474, 4 ft.; No. 15474-A, 6 ft.; No. 15474-B, 8 ft.; No. 15474-C, 10 ft. Made of heavy steel, reinforced with brass strips to rest galleys on. These strips will be spaced as desired. Standard depth, 28 in. Finish, black.

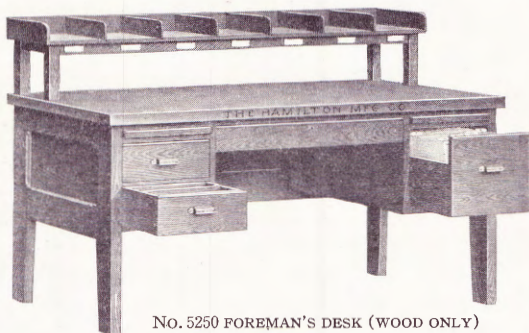


CAST IRON SURFACE

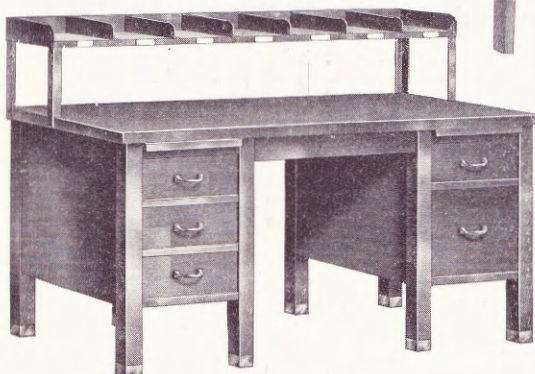
No. 15712, 4 ft.; No. 15714, 6 ft.; No. 15718, 8 ft.; No. 15720, 10 ft. Carefully planed surface; supplied either with or without rabbet, as desired. Standard size: 2 in. thick, 28 in. deep. Other widths made to order

FOREMEN'S DESKS

No. 5250 Wood Foreman's Desk, 28x62 in., as illustrated. Overhead in copy shelf are seven compartments (with label holders), each $8\frac{5}{8} \times 11\frac{1}{8}$ in. inside. Center drawer, $27\frac{7}{8} \times 22 \times 2\frac{1}{4}$ in. inside, has a lock. Two drawers at left have adjustable partitions, and are each $12\frac{1}{4} \times 22 \times 4\frac{3}{4}$ in. inside. One



No. 5250 FOREMAN'S DESK (WOOD ONLY)



No. 15252 FOREMAN'S DESK (STEEL ONLY)

drawer at right contains a letter file, and is $12\frac{1}{8} \times 24 \times 10\frac{1}{2}$ in. inside. There are sliding boards over side drawers. Finish, antique. Floor space, 62x28 in. Height to working top, 30 in.; height over all, 41 in. Approximate shipping weight, 400 lbs.

No. 15252 Steel Foreman's Desk, 34x60 in., includes copy rack with seven compartments (with label holders), as illustrated, each $8\frac{5}{8} \times 11\frac{1}{8}$ in. inside. Center drawer is $22\frac{3}{8} \times 23 \times 2\frac{1}{2}$ in. inside. Four drawers are each $12\frac{1}{8} \times 24 \times 4\frac{1}{8}$ in. inside.

The larger drawer at right is $12\frac{1}{8} \times 24 \times 10\frac{1}{2}$ in. inside, and contains a letter file. All drawers may be locked by a central locking device. Working top is covered with battleship linoleum. Finish, olive green baked enamel.

Floor space, 60x34 in. Height to working top, 30 in.; height over all, 41 in. Approximate shipping weight, 450 lbs.

HAMILTON STEEL COPY-CUTTER'S DESK

MADE IN STEEL ONLY

No. 15260 Steel Copy-Cutter's Desk, includes Auxiliary Top No. 15261, with overhead electric fixture (without bulb), as illustrated.

Center drawer and upper drawer at left have locks. Center drawer is $22 \times 22 \times 3$ in. inside. The other drawers are $13\frac{7}{8}$ in. wide and 22 in. long inside; six of them are $5\frac{5}{8}$ in. deep and two are $8\frac{7}{8}$ in. deep inside. Seven bins in No. 15261 are $8\frac{5}{8} \times 11\frac{1}{8} \times 6$ in. inside. Working top covered with linoleum.

No. 15262 Steel Flat-Top Standing Desk is same as No. 15260, minus Auxiliary Top.

No. 15261 is the Steel Auxiliary Top shown as part of illustration at right, and may be purchased separately for use on any flat-top desk, the working surface of which does not exceed $63\frac{1}{8}$ in. in width.

Floor space, $63\frac{1}{2} \times 30$ in. Height to working surface, 41 in.; height over all, 56 in. Approximate shipping weight: desk only, 850 lbs.; auxiliary top No. 15261, 110 lbs.



No. 15260 WITH No. 15261 AUXILIARY TOP. SOLD ALSO WITHOUT AUXILIARY TOP, AS A FLAT-TOP STANDING DESK (No. 15262)

HAMILTON PROOF-READER'S DESK

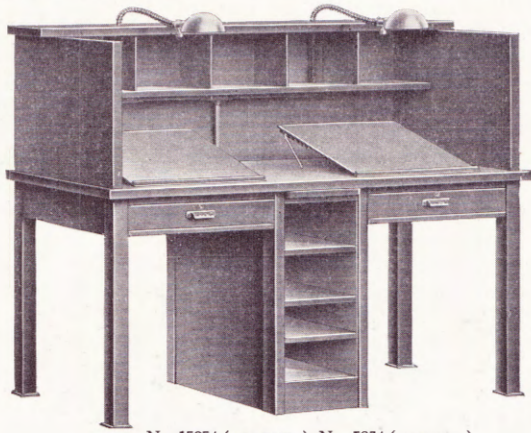
MADE IN BOTH STEEL AND WOOD

No. 15254 Steel Proof-Reader's Desk, as illustrated. Has two writing surfaces, each 19x18 in., adjustable in height; two drawers, each 20½x20x2½ in., each with a different lock; five bins overhead, each 8½x7¼x11¾ in. inside; and underneath four bins, two of which are 11¼x6x24 in. and two 11¼x4½x24 in. inside, with sliding shelf over them.

Wiring for electric lights, with flexible conduits, is included in the regular equipment.

No. 5254 Wood Proof-Reader's Desk is similar in design to No. 15254.

Floor space, 63½x27 in. Height to writing surfaces, 30 in.; height over all, 50 in. Shipping weight: Steel, 625 lbs.; Wood, 425 lbs.



No. 15254 (IN STEEL); No. 5254 (IN WOOD)

HAMILTON COPY CABINET

MADE IN BOTH STEEL AND WOOD



No. 15745 (IN STEEL)
No. 5745 (IN WOOD)

No. 15745 Steel Copy Cabinet, as illustrated, with top 17¾x14 in. inside. Has two drawers, each 12¾x10x3 in. inside. Below the drawers is a bin 14x12 in. inside and 5¾ in. high.

No. 5745 Wood Copy Cabinet is similar in design to No. 15745.

This cabinet is designed for the use of one operator.

Floor space, 16½x12¼ in. Height at front, 19¾ in.; height at back, 23¼ in. Approximate shipping weight: Steel, 95 lbs.; Wood, 75 lbs.

HAMILTON MATRIX CABINETS

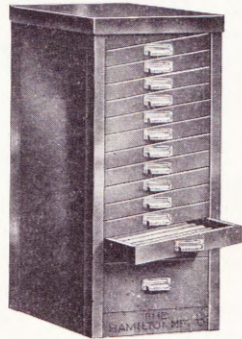
MADE IN BOTH STEEL AND WOOD IN TWO SIZES

No. 13435 Steel Matrix Cabinet, as illustrated, has twelve drawers, each with a capacity for 137 lineal inches of matrices placed on edge, and one drawer, with a removable partition, for space-bands and tools; space-band compartment 13¾x2x5½ in. and tool compartment 13¾x16x5½ in. inside. Ten metal slugs supplied for each matrix drawer, for use in separating special characters. All drawers have locks, controlled from one center. Floor space, 17½x21½ in. Height, 40¾ in. Approximate shipping weight, 350 lbs.

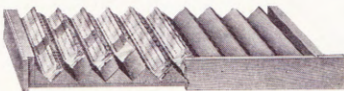
No. 3435 Wood Matrix Cabinet is similar in design to No. 13435 and has same capacity. Approximate shipping weight, 215 lbs.

No. 13430 Steel Matrix Cabinet has eight matrix and one space-band and tool drawer, all with the same dimensions as in No. 13435. Height, 32¼ in. Approximate shipping weight, 300 lbs.

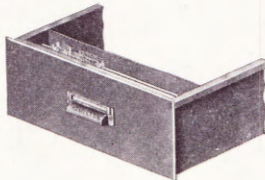
No. 3430 Wood Matrix Cabinet is similar in design to No. 13430, and has same capacity. Approximate shipping weight, 195 lbs.



No. 13435 (IN STEEL)
No. 3435 (IN WOOD)



DETAILED SECTION OF MATRIX DRAWER
SHOWING MATRICES IN PLACE



SECTIONAL VIEW OF DRAWER WITH
COMPARTMENT FOR SPACE-BANDS

HAMILTON MAGAZINE CABINET

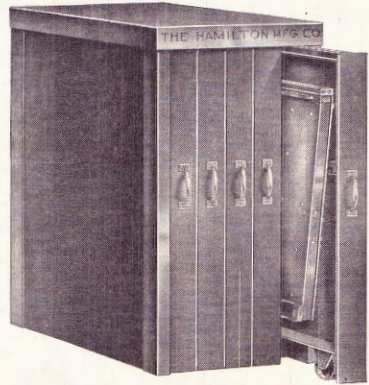
MADE IN BOTH STEEL AND WOOD

No. 15749 Steel Hamilton Magazine Cabinet, for five magazines as illustrated, contains five vertical drawers on large casters; size of drawers: $31\frac{3}{8}$ in. high, $25\frac{3}{8}$ in. from front to back, and $3\frac{1}{8}$ in. deep inside. Illustration shows one of the drawers pulled forward, showing a magazine in position. Hooks are provided for hanging the magazines.

Floor space, $21\frac{1}{4} \times 32\frac{3}{4}$ in. Height, $38\frac{1}{4}$ in. Approximate shipping weight, 400 lbs.

No. 5749 Wood Hamilton Magazine Cabinet is similar in design to No. 15749. Approximate shipping weight, 225 lbs.

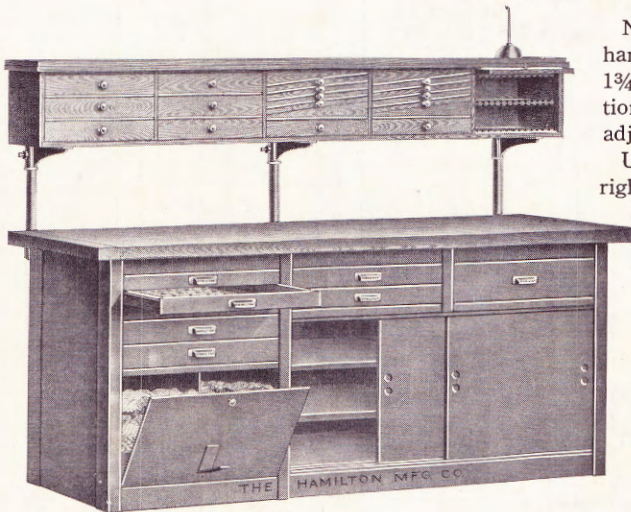
When ordering it is necessary to specify number and make of magazines to be accommodated.



No. 15749 (IN STEEL); No. 5749 (IN WOOD)

MACHINIST'S BENCH FOR TYPE-COMPOSING MACHINES

MADE IN BOTH STEEL AND WOOD



No. 13640 (IN STEEL); No. 3640 (IN WOOD)

No. 13640 Steel Machinist's Bench, hardwood working top 83×24 in. and $1\frac{3}{4}$ in. thick, with wooden storage section overhead on brackets which are adjustable in height, as illustrated.

Under working surface, from left to right: Three drawers, each containing 56 wooden boxes ($1\frac{13}{16} \times 2\frac{1}{4} \times 1\frac{1}{16}$ in. inside), and four wooden boxes ($7\frac{7}{8} \times 5 \times 1\frac{1}{16}$ in. inside), for storage of small parts. Under these, two blank drawers ($21\frac{3}{4} \times 16\frac{3}{4} \times 2\frac{3}{4}$ in. inside) for storage of larger parts, and two compartments, with a self-closing door, for soiled and clean rags. The center section has in it two drawers ($21\frac{3}{4} \times 16\frac{3}{8} \times 2$ in. inside), each with adjustable partitions for storage of parts, and a compartment with a sliding door and two adjustable

shelves, also for storage. In the right-hand section is a drawer ($21\frac{3}{4} \times 16\frac{3}{8} \times 4\frac{3}{4}$ in.) for heavier parts, and another similar compartment with two adjustable shelves and a sliding door.

Over the working surface, from left to right: Six drawers in two tiers, holding in all 18 molds of any kind, including T and U types with extensions; eight slanting drawers in two tiers for special or spare matrices, each drawer having twenty spaces ($1\frac{1}{4}$ in. wide), separated by $\frac{1}{16}$ in. partitions, while below these are two drawers for holding normal wedges, the bottoms inclined to the left, causing the wedges to keep in position by gravity, each drawer divided into seven spaces 15 in. long. The right-hand section is divided into two compartments, enclosed by a disappearing door, each compartment grooved to accommodate 13 matrix cases placed on edge.

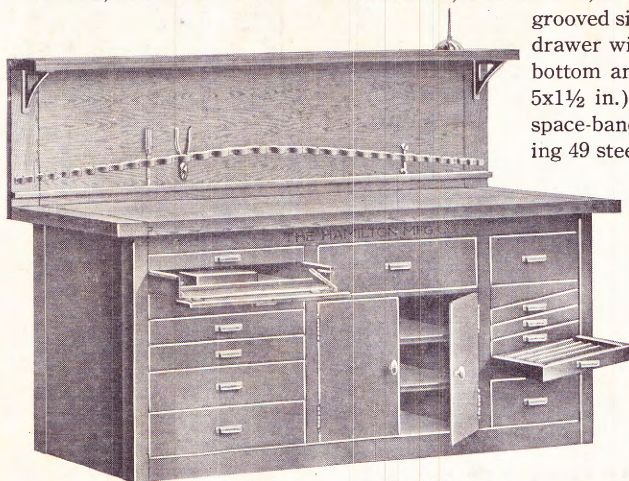
Working top on both wood and steel bench has natural oil finish. Height to working top, 34 in.; height over all (adjustable) is about 58 in. Floor space, 83×24 in. Approximate shipping weight, 900 lbs.

No. 3640 Wood Machinist's Bench is similar in design to No. 13640. Approximate shipping weight, 800 lbs.

MACHINIST'S WORK BENCH AND STORAGE CABINET

MADE IN BOTH STEEL AND WOOD

No. 13645 Steel Machinist's Work Bench and Storage Cabinet, with hardwood working surface 79x28 in., and wood tool board and tool shelf, as illustrated, has, in left section, one drawer with



No. 13645 (IN STEEL); No. 3645 (IN WOOD)

grooved sides and center rail for liners; one drawer with hinged front and zinc-lined bottom and compartment in rear ($22\frac{1}{4}\times 5\times 1\frac{1}{2}$ in.) for graphite, in which to clean space-bands; three drawers, each containing 49 steel boxes (each box $3\times 2\frac{7}{8}\times 2\frac{5}{8}$ in. inside) for storing small parts, screws, washers, etc.; one drawer with adjustable partitions for storing miscellaneous parts; and one drawer with grooved partitions for holding 93 ejector blades. The center section has a large drawer with two compartments (each $12\times 21\frac{5}{8}\times 6$ in.), and a cupboard with two adjustable shelves (each 25 in. wide inside) and doors. The right section has one drawer, at top, with hooks

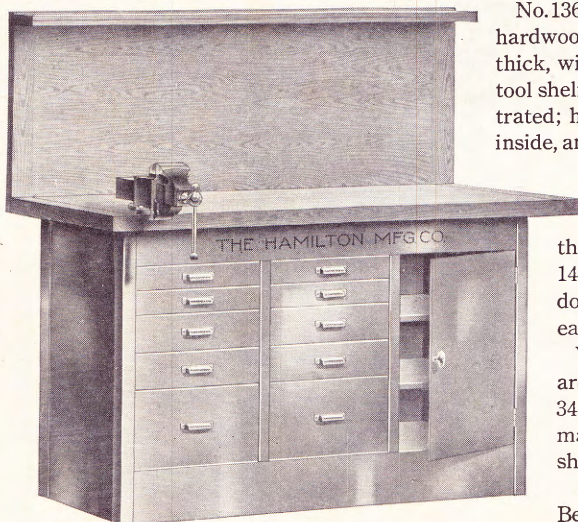
for holding space-bands; four inclined drawers with grooves for holding matrices, and a drawer in which, in front, there is a drilled block for holding drills of various sizes, and, in the rear, a space ($17\frac{7}{8}\times 14\times 6\frac{1}{8}$ in. inside) for miscellaneous storage purposes.

Hardwood working surface has natural oil finish. Height to working top, 34 in.; height over all, 55 in. Floor space, 79x29 in. Approximate shipping weight, 980 lbs.

No. 3645 Wood Machinist's Work Bench and Storage Cabinet is similar in design to No. 13645. Approximate shipping weight, 850 lbs.

HAMILTON MACHINIST'S WORK BENCH

MADE IN BOTH STEEL AND WOOD



No. 13625 (IN STEEL); No. 3625 (IN WOOD)

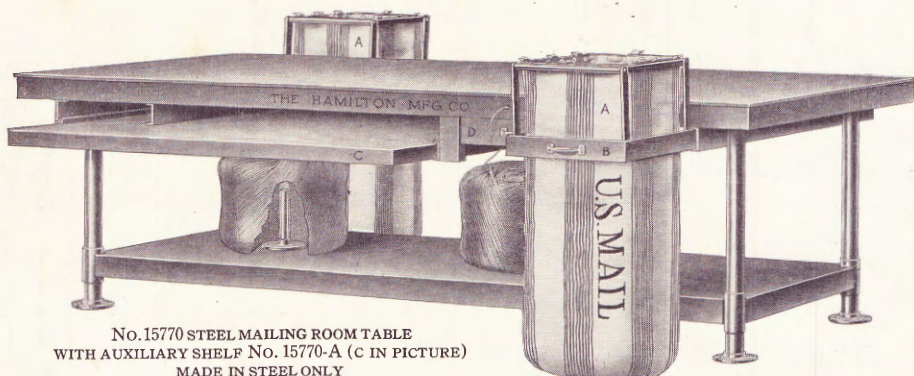
No. 13625 Steel Machinist's Work Bench, with hardwood working surface 60×22 in. and $1\frac{3}{4}$ in. thick, with wood tool board (22 in. high), and tool shelf (5 in. deep and $1\frac{3}{4}$ in. thick), as illustrated; has four drawers, each $14\frac{3}{8}\times 13\times 2$ in. inside, and four drawers, each $14\frac{3}{8}\times 13\times 3\frac{3}{8}$ in.

inside, all having removable partitions running from front to rear. Six partitions are supplied with each of these drawers. Also two drawers, each $14\frac{3}{8}\times 13\times 8\frac{1}{4}$ in. inside. The section with door at right has three compartments, each $15\frac{1}{2}\times 16\frac{1}{2}\times 7$ in. inside.

Working surface, tool board and shelf are oiled only. Height to working surface, 34 in.; height over all, 56 in. Approximate shipping weight, 575 lbs. Vise shown in illustration is not supplied.

No. 3625 Wood Machinist's Work Bench is similar in design to No. 13625. Approximate shipping weight, 400 lbs.

STEEL MAILING ROOM TABLE



No. 15770 STEEL MAILING ROOM TABLE
WITH AUXILIARY SHELF No. 15770-A (C IN PICTURE)
MADE IN STEEL ONLY

No. 15770 Steel Mailing Room Table, 10x4 ft. over all, with 2 collapsible mail bag supporters for No. 1 mail bags (B); 2 spindles (as illustrated) for twine or (if preferred and upon request) 2 supporters for reels of twine; an underneath shelf, 108x34 $\frac{3}{4}$ in.; 2 drawers (D), one on each side, each 17x16x3 in. for shears, etc.; and, if specially ordered as an extra, an Auxiliary Shelf No. 15770-A, 65 $\frac{1}{2}$ x18 in. (C), to be pulled out on one side only, providing additional working space, which will be found useful in emergencies. This table is made to withstand hard service, and is practically indestructible.

The top is of $\frac{1}{4}$ in. boiler plate. The frame is of 2 in. wrought iron pipe with floor flanges.

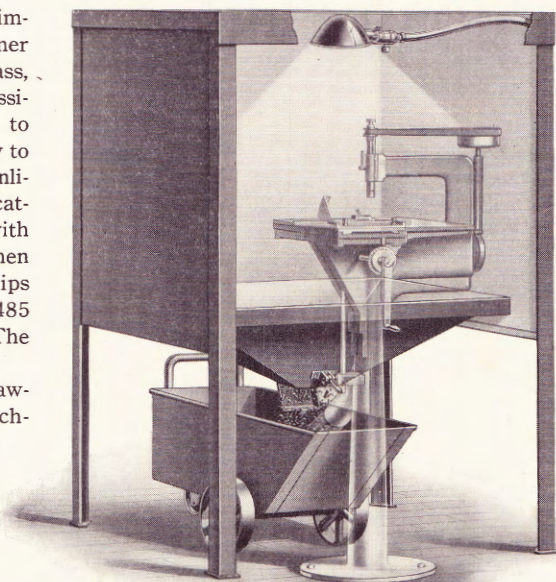
Finish, olive green baked enamel. Floor space, without bags, 10x4 ft. Height, 34 in. Approximate shipping weight: without auxiliary shelf, 1300 lbs.; auxiliary shelf No. 15770-A, 65 lbs.

HAMILTON STEEL SAW-TRIMMER GUARD

No. 15742-A Hamilton Steel Saw-Trimmer Guard is for use with a saw-trimmer machine to prevent the chips of brass, lead or wood from flying into and possibly injuring adjacent machines, and to protect passing workmen from injury to their eyes. The guard makes for cleanliness, as all chips are prevented from scattering, and are diverted into a chute with trapdoor in shelf of the enclosure. When chute is filled it is opened and the chips may be carried away in a No. 13485 Waste-Metal Truck, as illustrated. The waste-metal truck is an extra.

The enclosure accommodates a saw-trimmer with router and jig-saw attachments. It affords ample working space and light concentrated on the work. Fixtures for 1 light (without bulb) are furnished.

Finish: outside, olive green enamel; inside, white enamel. Floor space, 32 $\frac{1}{2}$ x42 $\frac{1}{2}$ in. Height, to top of chute, 28 in.; to top rail, 57 $\frac{1}{2}$ in. Approx. shipping weight, 310 lbs.



No. 15742-A STEEL SAW-TRIMMER GUARD, SHOWING ITS
RELATION TO SAW AND WASTE-METAL TRUCK



*I*ndex
~to~
Specimen Book
&
Catalogue



AMERICAN TYPE FOUNDERS COMPANY

SPECIMEN BOOK & CATALOGUE *Index*

Subdivided and Alphabetically Arranged, as follows:

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INDEX No. 2—Brass Rules, Brass Braces and Dashes, Ovals and Circles, Squares and Slotted Corners, Cutting and Scoring Rules, etc.

INDEX No. 3—Printing Machinery and Equipments, and Steel and Wood Printing Plant Equipments.

INDEX No. 4—Cut-Cost Equipments and Efficiency Department.

INDEX No. 1—TYPE, BORDERS, INITIALS AND ORNAMENTS

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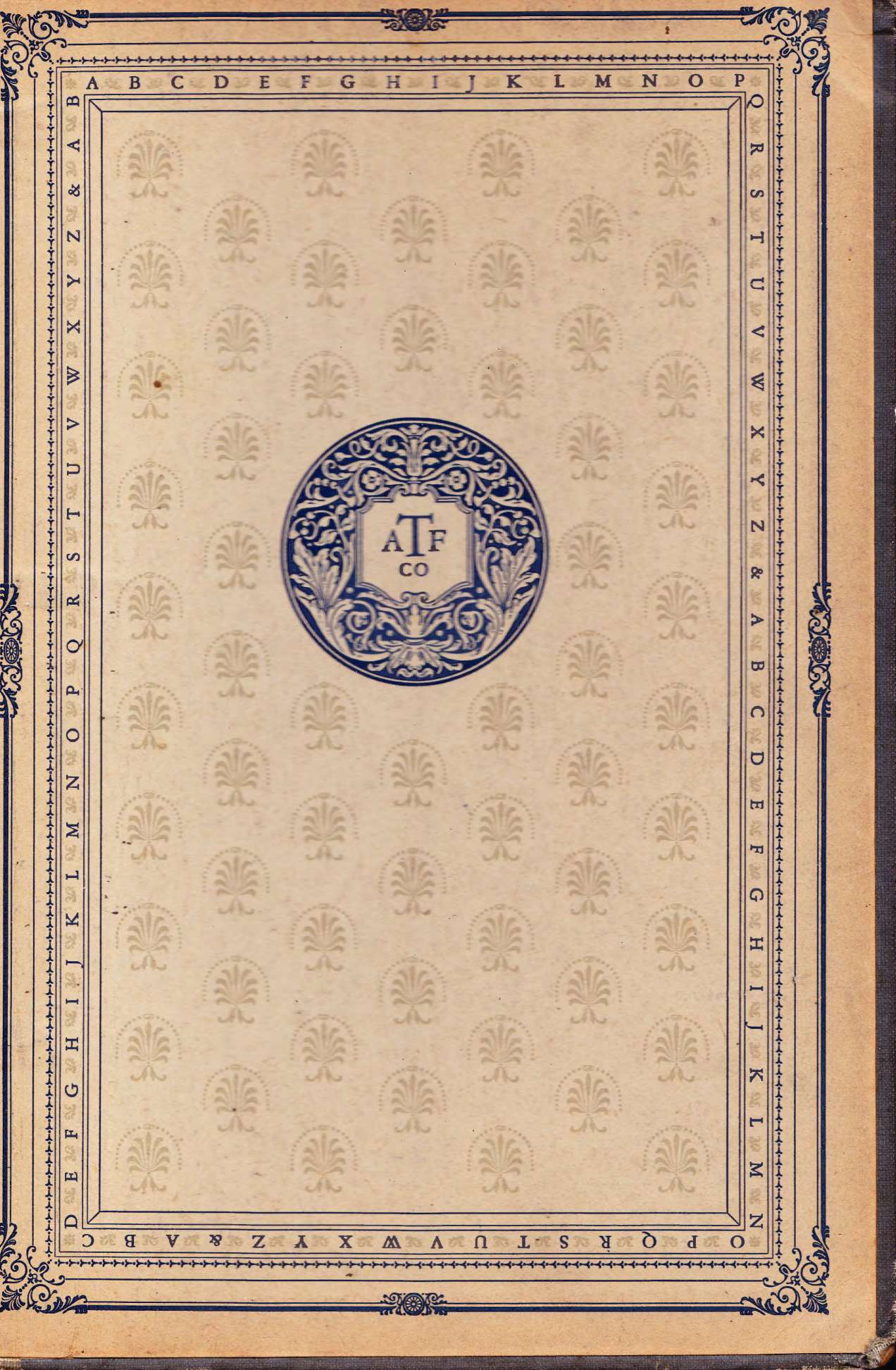
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